VOLUME 9 1988

SUBJECT INDEX

Acetylcholinesterase histochemistry, 1227
  lesions, ibotenic-acid induced
  neurotensin receptors
  nucleus basalis
  radioautography
Acquired immunodeficiency syndrome, 425
  immunodeficiency virus
  human studies
  peptide T
  vasoactive intestinal peptide receptors
ACTH/MSH 4–10, 151
  neonatal neuromuscular parameters
  postnatal administration
ACTH-neuropeptides, 277
  hypokinesia
  stress
ACTH release, s39
  motor behavior
  nicotine
  prenatal/postnatal exposure
Active avoidance task, 745
  adrenocorticotropic hormone
  corticotropin-releasing factor
  Organon 2766
  postnatal administration
  prenatal administration
Adrenalectomy
  cholecystokinin, 493, 723
  episodic feeding, 723
  exocrine pancreatic secretion, 493
  intraventricular infusion, 723
  neuropeptide Y, 723
  rats, female, 723
  satiety, 723
Adrenal VIP content, 107
  ovine fetus
  VIP release
β-Adrenergic agonists, 571
  calcium channel blockers
  growth hormone
  Harderian gland
  radioimmunoassay
  somatostatin
Adrenergic/cholinergic comparisons, 463
  antral gastrin release
  gastrin
  receptor-mediated stimulation
Adrenergic neurotransmission, 545
  functional studies
  neuropeptide Y
  presynaptic regulation
  structural studies
  vas deferens
Adrenocorticotropic hormone
  active avoidance, 745
  cerebral blood volume, 215
  circadian rhythm, 325
  corticotropin-releasing factor, 745
  cortisol, 325
  hypothalamic blood flow, 215
  in vitro, 1015
  α-melanocyte stimulating hormone, 1015
  neuronal outgrowth, 1015
  Organon 2766, 745
  pituitary colloid, 77
  postnatal administration, 745
  prenatal administration, 745
  pulsatile secretion, 325
  thyrotropin-releasing hormone, 215
  trophic action, 1015
  ultradian rhythm, 325
Adrenocorticotropic hormone release, 1037
  corticotropin releasing factor
  monensin
Affective aggression, 539
  dominance
  nucleus accumbens
  thyrotropin-releasing hormone
Affective defensive behavior, 999
  cat
  midbrain periaqueductal gray
  opioid peptides
Affective disorders, s45
  depression
  human growth hormone releasing factor
  human studies
  plasma growth hormone levels
Age differences
  eating, 221
  β-endorphin, 751
  gastrointestinal peptides, 221
  hypothalamus, 751
  inhibitory avoidance, 751
  suckling, 751
  undernutrition, 751
Aging, 631
  amino acid neurotransmitter activity
  cholecystokinin
  frontal cortex
AIDS, s97
  neuropeptide receptors
  primate brain
  T lymphocyte antigen
Alkalosis, s201
  angiotensin II
  dog
  drinking
  plasma osmolality
Altitude acclimatization, 1115
  caffeine
  endurance exercise
  Peptide F
  plasma levels
Amino acid neurotransmitter activity, 631
  aging
  cholecystokinin
  frontal cortex
Amino acid sequencing, 47
  atrial natriuretic factor
  half-life
  NH_2-terminal fragment
  radioimmunoassay
Amygdala
  brainstem, 1121
  cannabinoids, 771
  dynorphin, 1121
  lateral hypothalamus, 1121
  selective inhibition, 771
  thyrotropin releasing hormone, 771
Angiotensin, 677
  rabbits, Australian wild
  rabbits, New Zealand
  route of administration
  sodium intake
  water intake
Angiotensin-(1–7), 1395
  forebrain
  immunocytochemistry
Angiotensin II
  alkalosis, s201
  angiotensin III, 979
  calcium metabolism, 243
  cerebral blood flow, 141
  cerebrovascular resistance, 141
  circumventricular organs, 141
  dog, s201
  drinking, s201, 979
  intracerebroventricular infusion, 979
  motor activity, 475
  passive avoidance behavior, 475
  peptide YY, 141
  plasma osmolality, s201
  rats, spontaneously hypertensive, 979
  renin angiotensin system, 243
  saralasin, 475
  sodium metabolism, 243
Angiotensin II immunoreactivity, 481
  paraventricular nucleus
  push-pull perfusates
Angiotensin III, 979
  angiotensin II
  drinking
  intracerebroventricular infusion
  rats, spontaneously hypertensive
Analgesia, opiate-induced, 1295
  cholecystokinin
Analgesic effects, 619

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

cardiovascular effects
central administration
substance P
Anorexia, 729
bombesin
calcitonin
neurotensin
nucleus of the tractus solitarius
paraventricular nucleus of the hypothalamus
Anterior pituitary, 55
endopeptidase-24.11
gonadotrophs
pigs
pituitary proteohormones
Anticonvulsant effects, 1177
DAGO
DPDPE
Antidipsogenic effects, 347
brain site mapping
tachykinins
Anti-idiotype antibody, 1407
bovine pituitary gland
immunoblotting
vasopressin
Antipyretics, 1285
α-melanocyte-stimulating hormone
rabbit
Antral gastrin release, 463
adrenergic/cholinergic comparisons
gastrin
receptor-mediated stimulation
Aorta, 853
cyclic AMP accumulation
endothelium-dependent relaxation
vasoactive intestinal peptide
Apparatus, 1077
T-maze
Arcuate nucleus, 567
catecholaminergic system
dual immunocytochemistry
neuronal interactions
neuropeptide Y
Arginine vasopressin
arginine vasotocin, 1335
drug interaction, s193
ethanol tolerance, s193
intrathecal injection, 1335
kidney, 595
long-term treatment, 595
lysine vasopressin, 1335
oxytocin, 1335
renal tubular receptors, 595
paralysis, 1335
strain differences, s193, 595
Arginine-vasopressin levels, s109
cerebrospinal fluid
circadian rhythm
osmotic stimuli
Arginine vasotocin
arginine vasopressin, 1335
intrathecal injection, 1335
lysine vasopressin, 1335
neonatal sleep, 487
oxytocin, 1335
paralysis, 1335
peripheral administration, 487
Anthropod peptides, s153
insect neuropeptides
pigment-dispersing hormones
structure-activity relationships
Atria, guinea pig, 883
bradykinin
capsaicin
heart rate
neurotensin
Atrial natriuretic factor
amino acid sequencing, 47
atrial natriuretic factor degrading activity, 173
binding site localization, 673
binding site regulation, s3
body fluid regulation, s3
brain, rat, s3
brown adipose tissue, 1021
frog ventricles, 1
gene expression, 817
half-life, 47
hypothalamus, 1101
immunoreactivity, 1
intracerebroventricular infusion, 509
in vitro autoradiography, 673
mammary gland, 673
NH_2-terminal fragment, 47
protease 3.4.24.11, 173
radioimmunoassay, 47
rat kidney, 173
sheep, 509
spinal cord, 1101
strain differences, s3, 817, 1101
thermoregulation, 1021
Atrial natriuretic factor degrading activity, 173
atrial natriuretic factor
protease 3.4.24.11
rat kidney
Atrial natriuretic factor release, s189
clonidine
water deprivation
Atrial natriuretic peptide
blood pressure, 187
calcitonin gene-related peptide, 497
galanin, 497
guinea pig, 965
human plasma, 187
intestine, 965
spontaneous smooth muscle activity, 497
uterus, rat, 497
vasopressin, 187
Autonomic modulation, s63
cardiovascular activity
opioid receptors
sympathetic pathways
Autoradiographic localization, 227
brain, rat
tachykinin binding sites
Autoradiography
axonal transport, s85
dog/rat comparisons, 1071
gastrointestinal tract, canine, 1241
gastrointestinal tract, humans, 1207
human calcitonin gene-related peptide, 957
human calcitonin gene-related peptide binding sites, 957
IGF-II receptors, s91
IL-1 receptors, s91
immune system, s21
lung, guinea pig, 957
lung, human, 957
lymphocytes, s21
medulla oblongata, 1071
neuromedin K, 1207
neuropeptide Y, 1071
opiate receptors, s85
peptide YY, 1071
receptor binding, 1071
receptor binding sites, 1207
spleen rat, s21
substance K, 1207
substance P, 1207
Thy 1.1 receptor distribution, s91
vasoactive intestinal peptide, 1241
vasoactive intestinal peptide receptors, s21
Avian pancreatic polypeptide, 449
central administration
chickens
food intake
gastric secretion
motility
Axonal transport, s85
autoradiography
opiate receptors

Bag cells, 867
egg-laying hormones
molluscs
Barnacle pheromone, 1403
metamorphosis
settlement
synthetic peptide analogs
Behavioral profiles, 739
cholecystokinin analogs
neuroleptic-like properties
route of administration
Benzotript, 1049
cholecystokinin
CR 1409
dentate gyrus
Binding site distribution, 643
bombesin
gastrointestinal tract
Binding site localization, 673
atrial natriuretic factor
in vitro autoradiography
mammary gland
Binding site regulation, s3
atrial natriuretic factor
body fluid regulation
brain, rat
strain differences
Biochemical characterization
brain, cartilagenous fish, 899
FMRF-H_2-like peptides, 1137
high performance liquid chromatography, 1137
immunohistochemistry, 899
mammals, 1137
α-melanocyte stimulating hormone, 899
radioimmunoassay, 1137
spinal cord, 1137

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

Biological activity, 923
bombesin
Biological/immunological characterization, 37
bovine adrenal medulla
corticotropin-releasing activity
Biologically active conformations, s145
cerulein
cholecystokinin
conformational analysis
little gastrin
met-enkephalin
Biologically active peptides, 1221
blood pressure
intracerebroventricular administration
sheep
Biosynthetic/proliferative capacity, s169
cultures
intermediate lobe
melanotroph morphology
POMC gene expression
Biotinyl analogs, 783
fluorescent analogs
photoaffinity analogs
oxytocin
Blood-cerebrospinal fluid barrier, 533
choroid plexus
delta sleep-inducing peptide
Blood pressure
atrial natriuretic peptide, 187
biologically active peptides, 1221
calcitonin, 1191
human plasma, 187
intracerebroventricular administration, 1221
organ blood flow, s69
rats, spontaneously hypertensive, 1191
sheep, 1221
sympathetic nerve activity, s69
thyrotropin releasing hormone, s69
vasopressin, 187
Body fluid regulation, s3
atrial natriuretic factor
binding site regulation
brain, rat
strain differences
Body temperature, 709
drinking
eating
β-endorphin
fowl, domestic
intracerebroventricular injection
Body weight, 211
food intake
SMS 201-995
somatostatin antiserum
Bombesin
anorexia, 729
binding site distribution, 643
biological activity, 923
bombesin receptors, 1367
brain, rat, 1345
calcitonin, 729
dopaminergic system, s233, s245
gastric emptying, 1289
gastrointestinal tract, 643
grooming, s233, s245
locomotor activity, s233, s245
neurohypophyseal secretion, 1289
neurotensin, 729
nucleus of the tractus solitarius, 729
paraventricular nucleus of the tractus solitarius, 729
paraventricular nucleus of the hypothalamus, 729
phosphatidylinositol turnover, 1345
satiety, s233
small cell lung cancer, 1367
species-specific effects, 1289
substance P, 1367
substance P analogues, 1367
Bombesin-like secretion, s257
cAMP levels
small cell lung cancer
somatostatin
Bombesin receptors, 1367
bombesin
small cell lung cancer
substance P
substance P analogues
Bone innervation, 165
calcitonin gene-related peptide
substance P
Bovine adrenal medulla, 37
biological/immunological characterization
corticotropin-releasing activity
Bovine pituitary gland, 1407
anti-idiotype antibody
immunoblotting
vasopressin
Boxing behavior, s117
carbachol
drug interaction
prefrontal cortex
substance P antagonists
Bradykinin
atria, guinea pig, 883
bradykinin analogs, 203
bradykinin antagonists, 203
capsaicin, 883
heart rate, 883
kallikrein, 203
kallikrein inhibition, 203
neurotensin, 883
Bradykinin analogs, 203
bradykinin
bradykinin antagonists
kallikrein
kallikrein inhibition
Bradykinin antagonists, 203
bradykinin
bradykinin analogs
kallikrein
kallikrein inhibitors
Brain
amygdala, 771, 787, 847, 1121
anterior hypothalamus, 829
archistriatum, 829
arcuate nucleus, 567, 689
area postrema, s3, s21, 141, 1071
basal ganglia, 787, 847
basal hypothalamus, 13
bed nucleus of the stria terminalis, 847, 1395
brainstem, 809
caudal medulla, 689
caudate nucleus, 787
central amygdaloid nucleus, 661
cerebellar cortex, s181
cerebellum, 829, 847, 1345
cerebral cortex, 847
choroid plexus, s3, 141
cortex, 319
corticotropin releasing factor, 1043
cranial nuclei, s21
dentate gyrus, s79. s181, 1049
dorsal motor nucleus of the vagus, s63
dorsolateral frontal cortex, 847
endopiriform cortex, s15
enzyme inhibitors, 437
external pallidum, 787
fish, 1043
forebrain, s15, 193, 1395
frontal cortex, s105, 631, 787, 1345
high performance liquid chromatography, 1043
hindbrain, s63, 319
hippocampus, s15, s79, s105, s181, 441, 787, 847, 1351
hypothalamic paraventricular nucleus, 989
hypothalamus, s15, 71, s75, s105, 193, 215, 319, 419, 689, 751, 787, 847, 985, 1101, 1151, 1381
immunoreactive adrenocorticotropic hormone, 437
immunoreactive β-endorphin, 437
inferior olive, 847
intermediate lobe, s169
lateral hypothalamus, 1121
lateral vestibular nucleus, 729
locus coeruleus, 193, 847
medial basal hypothalamus, 193
medial hypothalamus, 829
medial prefrontal cortex, 937
medial septum, 1351
median eminence, 589, 847, 1395
medulla oblongata, 1071
medulla/pons, 1345
mesencephalon, 1269
midbrain, 319, 829, 1345
midbrain periaqueductal gray, 999
neurohypophysis, 1395
nucleus accumbens, s233, s245, 539
nucleus ambiguus, s63
nucleus anterior hypothalamus, 347
nucleus basalis, 1227
nucleus interpeduncularis, 347
nuclei lateralis, 347
nucleus preopticus lateralis, 347
nucleus preopticus medialis, 347
nucleus septi lateralis, 347
nucleus septi medialis, 347
nucleus tractus solitarius, 193, s233, s245, 689, 1301
occipital cortex, 787, 847
olfactory bulb, s21
optic chiasma, 13
optic lobe, 829
paleostriatum, 829
paraventricular nucleus, 309, 481, 581, 1395
parietal cortex, 787

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

periaqueductal grey, 193, 847
periventricular nucleus, 589
pituitary, 437, 1043
pons, 829
posterior hypothalamus, 347, 829
prefrontal cortex, s117
preoptic area, 1151
preoptic region, 589
preoptic suprachiasmatic nucleus, 893
putamen, 787
radioimmunoassay, 1043
renal medulla, 595
reticular formation, 729
septum, 829, 847
spinal trigeminal nucleus oralis, 729
stria terminalis, s15
striatum, s105, 319, 1107
subcommissural organ, 141
subfornical organ, s3, 141, 347
substantia grisea periventricularis, 347
substantia innominata, 847, 1395
substantia nigra, 347, 787, 1107
suprachiasmatic nuclei, 1395
supraoptic nuclei, 1395
temporal cortex, 787
thalamic nuclei, s21
thalamus, s15, 847
urotensin I, 1043
ventral mesencephalon, 1107
ventral tegmental area, s223, 1107
ventromedialis, 347
zona fasciculata, 1145
zona glomerulosa, 1145
Brain, baboon, 847
galanin
galanin-like immunoreactivity
Brain, cartilagenous fish, 899
biochemical characterization
immunohistochemistry
α-melanocyte stimulating hormone
Brain, chicken, 829
mesotocin
pituitary, chicken
vasotocin
Brain, goldfish, 625
differential distribution
gonadotropin-releasing hormone
Brain-gut peptides, 113
corticosterone secretion
in vitro actions
in vivo actions
pituitary-adrenal activation
Brain, human
gonadotropin-releasing hormone, 419
hypothalamus, 419
Parkinson's disease, 787
polygenic expression, 419
regional distribution, 787
vasoactive intestinal polypeptide, 787
Brain, marsupials, 429
cholecystokinin octapeptide
Brain neuropeptide concentrations, 319
nerve deafferentation
spinal chord neuropeptide concentration
Brain, pigeon, 697
corticotropin-releasing factor immunoreactivity
topographical distribution
Brain/pituitary, teleost fish, 13
corticotropin-releasing factor CRF-like immunoreactivity
Brain, rat
atrial natriuretic factor, s3
autoradiographic localization, 227
binding site regulation, s3
body fluid regulation, s3
bombesin, 1345
dopaminergic system, 315
Hoe 427, 1081
neurochemical effects, 1081
phosphatidylinositol turnover, 1345
radicimmunohistochemistry localization, s181
strain differences, s3
tachykinin binding sites, 227
type II IGF receptors, s181
vasoactive intestinal peptide, 315
Brain site mapping, 347
antidipsogenic effects
tachykinins
Brainstem
amygdala, 1121
cholecystokinin, 809
dynorphin, 1121
in vitro, 1151
lateral hypothalamus, 1121
luteinizing hormone releasing horomone, 1151
pituitary, 1151
respiration, 809
slice cultures, 1151
Brown adipose tissue, 1021
atrial natriuretic factor
thermoregulation

Caffeine, 1115
altitude acclimatization
endurance exercise
Peptide F
plasma levels
Calbindin D_{28k}, 325
calbindin D_{28k} co-localization
calbindin D_{28k} distribution
enteric nervous system
Calbindin D_{28k} co-localization, 325
calbindin D_{28k}
calbindin D_{28k} distribution
enteric nervous system
Calbindin D_{28k} distribution, 325
calbindin D_{28k}
calbindin D_{28k} co-localization
enteric nervous system
Calcitonin
anorexia, 729
blood pressure, 1191
bombesin, 729
gastric secretion, human, 295
immunoextraction, 295
neurotensin, 729
nucleus of the tractus solitarius, 729
paraventricular nucleus of the hypothalamus, 729
rats, spontaneously hypertensive, 1191
Calcitonin gene-related peptide
atrial natriuretic peptide, 497
bone innervation, 165
central nervous system, 735
diaphragm, 613
dog, 1129
galanin, 497
gastric emptying, 735
heterogeneity, 407
intrarenal infusion, 1129
neuromuscular transmission, 613
renal sodium excretion, 1129
spontaneous smooth muscle activity, 497
substance P, 165
thyroid gland, 407
uterus, rat, 497
Calcium channel blockers, 571
β-adrenergic agonists
growth hormone
Harderian gland
radioimmunoassay
somatostatin
Calcium metabolism, 243
angiotensin II
renin angiotensin system
sodium metabolism
cAMP levels, s257
bombesin-like secretion
small cell lung cancer
somatostatin
Canine antrum, 1411
epidermal growth factor
Cannabinoids, 771
amygdala
selective inhibition
thyrotropin releasing hormone
Capsaicin
atria, guinea pig, 883
bradykinin, 883
central vagal fibers, 601
cholecystokinin, 601
eating, 601
heart rate, 883
neurotensin, 883
peripheral vagal fibers, 601
Carbachol, s117
boxing behavior
drug interaction
prefrontal cortex
substance P antagonists
Carcinoid tumors, 859
neuropeptide K-(1–23)-peptide
neuropeptide K-(1–24)-peptide release
neuropeptide K-(1–24)-peptide storage
Cardiovascular activity, s63
autonomic modulation
opioid receptors
sympathetic pathways
Cardiovascular effects
analgesic effects, 619
central administration, 619
methylatropine, 893
MK-771, 893
preoptic suprachiasmatic nucleus, 893
propranolol, 893
substance P, 619
thyrotropin-releasing hormone, 893
Cardiovascular system, s75
hypothalamus

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

opioid receptors
Castration, 441
hippocampus
luteinizing hormone-releasing hormone receptors
sex steroids
Cat
affective defensive behavior, 999
hemorrhage, 393
midbrain periaqueductal gray, 999
neuropeptide adrenal release, 393
nucleus tractus solitarius, 1301
opiate antagonists, 393
opioid peptides, 999
spinal dorsal horn neurons, 651
substance P, 651, 1301
substance P analogues, 651
Catecholaminergic system, 567
arcuate nucleus
dual immunocytochemistry
neuronal interactions
neuropeptide Y
Caudal medulla, 689
β-endorphin
hypothalamus
immunocytochemistry
α-melanocyte stimulating hormone
monosodium glutamate
CCK-8, 133
feeding-specific neurons
mollusc
CCK immunoreactivity, s79
mossy fiber neuropeptides
neurotransmitter regulation
seizures
Cell proliferation
dopaminergic regulation, s161
growth hormone, 825
hypothalamic peptides, 825
intermediate lobe cultures, s161
POMC biosynthesis, s161
prolactin, 825
Central administration
analgesic effects, 619
avian pancreatic polypeptide, 449
cardiovascular effects, 619
chickens, 449
food intake, 449
gastric secretion, 449
motility, 449
substance P, 619
Central amygdaloid nucleus, 661
immunocytochemistry
immunoreactive fibers
vasoactive intestinal polypeptide
Central injection, 31
neurally-mediated hyperglycemia
thyrotropin-releasing hormone
Central nervous system
calcitonin gene-related peptide, 735
dose-dependent effects, s9
gastric emptying, 735
gastric function, s9
marine gastropod, 1323
peptide localization, 1323
thyrotropin releasing hormone, s9
ulceration, s9
Central vagal fibers, 601
capsaicin
cholecystokinin
eating
peripheral vagal fibers
Central receptors, 835
cholecystokinin
cholecystokinin analogs, enzyme resistant
Cerebral blood flow, 141
angiotensin II
cerebrovascular resistance
circumventricular organs
peptide YY
Cerebral blood volume, 215
adrenocorticotropic hormone
hypothalamic blood flow
thyrotropin-releasing hormone
Cerebrospinal fluid, s109
arginine-vasopressin levels
circadian rhythm
osmotic stimuli
Cerebrovascular resistance, 141
angiotensin II
cerebral blood flow
circumventricular organs
peptide YY
Cerulein, s145
biologically active conformations
cholecystokinin
conformational analysis
little gastrin
met-enkephalin
Chemotaxis, s29
cholecystokinin
human/rat monocyte comparisons
immune system
Chickens, 449
avian pancreatic polypeptide
central administration
food intake
gastric secretion
motility
Chloride transport, 119
dogfish
immunohistochemistry
neural mediation
rectal gland
vasoactive intestinal peptide
Cholecystokinin
adrenalectomy, 493, 723
aging, 631
amino acid neurotransmitter activity, 631
analgesia, opiate-induced, 1295
benzotript, 1049
biologically active conformations, s145
brainstem, 809
capsaicin, 601
central receptors, 835
central vagal fibers, 601
cerulein, s145
chemotaxis, s29
cholecystokinin analogs, enzyme resistant, 835
cholecystokinin receptor characterization, 373
conformational analysis, s145
CR 1409, 1049
dentate gyrus, 1049
eating, 601
episodic feeding, 723
exocrine pancreatic secretion, 493
frontal cortex, 631
high performance liquid chromatography, 1255
human/rat monocyte comparisons, s29
immune system, s29
intracerebral microinjection, 937
intraventricular infusion, 723
little gastrin, s145
medial prefrontal cortex, 937
met-enkephalin, s145
microsequence analysis, 1255
neuropeptide Y, 723
peripheral vagal fibers, 601
rats, female, 723
respiration, 809
retina, toad, 373
satiety, 723
self-stimulation, 937
Cholecystokinin analogs, 739
behavioral profiles
neuroleptic-like properties
route of administration
Cholecystokinin analogs, enzyme resistant, 835
central receptors
cholecystokinin
Cholecystokinin antagonists, s207
food intake
satiety
Cholecystokinin-58, 993
small intestine
species differences
Cholecystokinin octapeptide
brains, marsupials, 429
dog, 1093
food intake, 1093
insulin secretion, 1093
pancreatic polypeptide secretion, 1093
Cholecystokinin receptor characterization, 373
cholecystokinin
retina, toad
Choroid plexus, 533
blood-cerebrospinal fluid barrier
delta sleep-inducing peptide
Circadian rhythm
adrenocorticotropic hormone, 325
arginine-vasopressin levels, s109
cerebrospinal fluid, s109
cortisol, 325
osmotic stimuli, s109
pineal gland, 973
pulsatile secretion, 325
ultradian rhythm, 325
vasopressin, 973
vasopressin-converting aminopeptidase activity, 973
Circumventricular organs, 141
angiotensin II
cerebral blood flow
cerebrovascular resistance
peptide YY
Cleavage sites, 1275
proatrial natriuretic factor

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

serine proteases
Clonidine
atrial natriuretic factor release, s189
hypergiycemia, 527
thyrotropin-releasing hormone, 527
water deprivation, s189
Colonic motor complexes, 501
dogs
motilin
naloxone
Comparative distribution, s15
forebrain
neuropeptide Y
neuropeptide Y immunoreactivity
receptor autoradiography
Conformation-activity study, 1195
oxidized chemotactic tripeptides
peptide chemoattractants
Conformational analysis, s145
biologically active conformations
cerulein
cholecystokinin
little gastrin
met-enkephalin
Contractile strength, s215
motor unit performance
nerve regeneration
neuromuscular function
ORG 2766
Cornea, 1373
neuropeptides
radioimmunoassay
reversed phase-high performance liquid chromatography
Corpus cardiacum, 681
gas-phase sequencing
grasshopper
Ro I
Ro II
Corticosterone secretion, 113
brain-gut peptides
in vitro actions
in vivo actions
pituitary-adrenal activation
Corticotrophin-like intermediate lobe peptide, 757
pituitary peptidase
serum peptidase
Corticotropin-releasing activity, 37
biological/immunological characterization
bovine adrenal medulla
Corticotropin-releasing factor
active avoidance task, 745
adrenocorticotropic hormone, 745
adrenocorticotropic hormone release, 1037
brain, 1043
brain/pituitary, teleost fish, 13
corticotropin-releasing factor immunoreactivity, 1261
corticotropin releasing factor neurons, 589
cortisol, 1261
CRF-like immunoreactivity, 13
eels, 1261
fish, 1043
gastric secretion, 1067
high performance liquid chromatography, 1043
immunohistochemistry, 589
intracisternal injection, 1067
monensin, 1037
neonatal rats, 1317
Organon 2766, 745
pituitary, 1043
postnatal administration, 745
prenatal administration, 745
radioimmunoassay, 1043
spinal cord, 1317
stalk-median eminence, 589
surgical stress, 1067
urotensin I, 1043
Corticotropin-releasing factor immunoreactivity
brain, pigeon, 697
corticotropin-releasing factor, 1261
cortisol, 1261
eels, 1261
topographical distribution, 697
Corticotropin releasing factor neurons, 589
corticotropin releasing factor
immunohistochemistry
stalk-median eminence
Cortisol
adrenocorticotropic horn.one, 325
circadian rhythm, 325
corticotropin-releasing factor, 1261
corticotropin-releasing factor immunoreactivity, 1261
eels, 1261
pulsatile secretion, 325
ultradian rhythm, 325
Crabs, 795
crustacean cardioactive peptide
nervous system
radioimmunoassay
CRF-like immunoreactivity, 13
brain/pituitary, teleost fish
corticotropin-releasing factor
CR 1409, 1049
benzotript
cholecystokinin
dentate gyrus
Crustacean cardioactive peptide, 795
crabs
nervous system
radioimmunoassay
C-terminals, 157
structural changes
vasopressin antagonists
Cultures, s169
biosynthetic/proliferative capacity
intermediate lobe
melanotroph morphology
POMC gene expression
Cyclic AMP accumulation, 853
aorta
endothelium-dependent relaxation
vasoactive intestinal peptide

DAGO, 1177
anticonvulsant effects
DPDPE
[³H]DAGO, 637
[³H]DAGO binding
mice, beige-J
[³H]DAGO binding, 637
[³H]DAGO
mice, beige-J
Deafferentation studies, 193
nucleus tractus solitarius
opiocortin-ir projections
Degradation, 207
growth hormone-releasing factor analogues
pharmacokinetics
route of administration
Delta sleep-inducing peptide, 533
blood-cerebrospinal fluid barrier
choroid plexus
Dentate gyrus, 1049
benzotript
cholecystokinin
CR 1409
Depression
affective disorders, s45
growth hormone, s113
growth hormone-releasing factor, s113
human growth hormone releasing factor, s45
human studies, s45
plasma growth hormone levels, s45
1-Desamino-8-D-arginine-vasopressin, 717
hypertonic saline
learning behavior
neonatal administration
Desglycinamide-arginine vasopressin, 555
pharmacokinetic study
radioimmunoassay
DGAVP, 1361
verbal memory
Diabetes mellitus, 561
glucagon
plasma glucose
somatostatin analog
Diaphragm, 613
calcitonin gene-related peptide
neuromuscular transmission
Differential distribution, 625
brain, goldfish
gonadotropin-releasing hormone
Dog
alkalosis, s201
angiotensin II, s201
calcitonin gene-related peptide, 1129
cholecystokinin octapeptide, 1093
colonic motor complexes, 501
drinking, s201
exocrine pancreas, 1055
food intake, 1093
insulin secretion, 1093
intrarenal infusion, 1129
kassinin, 1055
motilin, 501
naloxone, 501
pancreatic polypeptide secretion, 1093
plasma osmolality, s201
renal sodium excretion, 1129
splanchnic circulation, 1055
Dogfish, 119
chloride transport
immunohistochemistry

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

neural mediation
rectal gland
vasoactive intestinal peptide
Dog/rat comparisons, 1071
autoradiography
medulla oblongata
neuropeptide Y
peptide YY
receptor binding
Dominance, 539
affective aggression
nucleus accumbens
thyrotropin-releasing hormone
Dopaminergic regulation, s161
cell proliferation
intermediate lobe cultures
POMC biosynthesis
Dopaminergic system
bombesin, s233, s245
brain, rat, 315
grooming, s233, s245
locomotor activity, s233, s245
satiety, s233
vasoactive intestinal peptide, 315
Dose-dependent effects, s9
central nervous system
gastric function
thyrotropin releasing hormone
ulceration
DPDPE, 1177
anticonvulsant effects
DAGO
[D-Pro^{2}-D-Trp^{7,9}]-substance P, 909
peptide interactions
serotonin
spinal cord
substance P
Drinking
alkalosis, s201
angiotensin II, s201, 979
angiotensin III, 979
body temperature, 709
dogs, s201
β-endorphin, 709
fowl, domestic, 709
intracerebroventricular infusion, 979
intracerebroventricular injection, 709
plasma osmolality, s201
rats, spontaneously hypertensive, 979
Drug
acetylcholine, 107, s117
atropine, s63, 463
baclofen, 319
carbachol, s117, 463
chlomipramine, 319
chlorpromazine, 739
clonidine, 31, 463, 527
CR-1409, s207
DGAVP, 1361
diphenylhydantoin, 319
endotoxin, 31
ethanol, s193
guanethidine, s63
haloperidol, s223, 283, 739
5-hydroxytryptophan, 319
isoproterenol, 463
meptazinol, 1295
methylatropine, 893
morphine, 47, 1295
naloxone, 283, 501, 999
nicotine, s39
norepinephrine, 107, 463
nortriptyline, 319
[Pen^{1}, pMePhe^{2}, Thr^{4}, Orn^{8}]-OT, s223
pentylenetetrazol, s105
PGDPA, s207
phenylephrine, 463
pirenzepine, 463
proglumide, s207
propranolol, 893
RX 77368, s9
SCH 23390, s223
U-50,488, 1295
Drug interaction
arginine vasopressin, s193
boxing behavior, s117
carbachol, s117
ethanol tolerance, s193
prefrontal cortex, s117
strain difference, s193
substance P antagonists, s117
Dual immunocytochemistry, 567
arcuate nucleus
catecholaminergic system
neuronal interactions
neuropeptide Y
Dynorphin, 1121
amygdala
brainstem
lateral hypothalamus
Dynorphin A, 1107
α-neo-endorphin
habenula
habenular modulation
ventral mesencephalon

Eating
age differences, 221
body temperature, 709
capsaicin, 601
central vagal fibers, 601
cholecystokinin, 601
β-endorphin, 709
fowl, domestic, 709
free-feeding rats, s35
gastrointestinal peptides, 221
growth hormone releasing factor, s35
hypothalamic paraventricular nucleus, 989
intracerebroventricular injection, 709
neuropeptide Y, 989
peripheral vagal fibers, 601
Ebiratide, 575
learning
memory
mice/rat comparisons
E. coli expression, 301
fusion protein
secretin, human
Eels, 1261
corticotropin-releasing factor
corticotropin-releasing factor immunoreactivity
cortisol
Efferent neuronal activity, 519
parotid secretion
pentagastrin
sheep
Egg-laying hormones, 867
bag cells
molluscs
Endogenous ligands, s49
multiple opioid receptors
opioid actions review
receptor dualism
species differences
Endooligopeptidase A, 945
enkephalin
enkephalin generation
heart, rabbit
Endopeptidase-24.11, 55
anterior pituitary
gonadotrophs
pigs
pituitary proteohormones
α-neo-Endorphin, 1107
dynorphin A
habenula
habenular modulation
ventral mesencephalon
β-Endorphin
age differences, 751
body temperature, 709
caudal medulla, 689
drinking, 709
eating, 709
fowl, domestic, 709
holostean fish, 65
hypothalamus, 689, 751
immunocytochemistry, 689
immunoreactive material, 65
inhibitory avoidance, 751
intermediate pituitary, 65, 801
intracerebroventricular injection, 709
lungfish, 801
α-melanocyte stimulating hormone, 689
monosodium glutamate, 689
suckling, 751
undernutrition, 751
Endothelium-dependent relaxation, 853
aorta
cyclic AMP accumulation
vasoactive intestinal peptide
Endurance exercise, 1115
altitude acclimatization
caffeine
Peptide F
plasma levels
Energy deficiency, 181
leucocytes
physical exercise
VIP receptor upregulation
Enkephalin, 945
endooligopeptidase A
enkephalin
enkephalin generation
heart, rabbit
Enkephalin generation, 945
endooligopeptidase A
enkephalin
heart, rabbit
Enteric nervous system, 325
calbindin D_{28k}

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

calbindin D_{28k} co-localization
calbindin D_{28k} distribution
Enzyme inhibitors, 437
brain
immunoreactive adrenocorticotropic hormone
immunoreactive β-endorphin
pituitary
Exocrine pancreas, 1055
dog
kassinin
splanchnic circulation
Exocrine pancreatic secretion, 493
adrenalectomy
cholecystokinin
Exocrine secretion, 515
luteinizing hormone-releasing hormone
male reproductive tract
Epidermal growth factor, 1411
canine antrum
Episodic feeding, 723
adrenalectomy
cholecystokinin
intraventricular infusion
neuropeptide Y
rats, female
satiety
Ethanol tolerance, s193
arginine vasopressin
drug interaction
strain differences

Fast performance liquid chromatography, 763
gastrin
rabbits
reverse phase high performance liquid chromatography
Feeding behavior, 1389
hamsters
neuropeptide Y
resting behavior
Feeding-specific neurons, 133
CCK-8
mollusc
Feline airways, 443
noradrenergic noncholinergic inhibitory responses
vasoactive intestinal peptide antagonists
Fish, 1043
brain
corticotropin releasing factor
high performance liquid chromatography
pituitary
radioimmunoassay
urotensin I
FK33-824, 777
mice, male
rectal temperature
respiratory rate
strain differences
Fluorescent analogs, 783
biotinyl analogs
oxytocin
photoaffinity analogs
FMRF-amide
gastrin/CCK-like aspects, s137
leucosulfakinins, s137
mammals, 915
structure-activity, s137
FMRFamide-related peptides, s125
molluscan peptides
FMRF-H_2-like peptides, 1137
biochemical characterization
high performance liquid chromatography
mammals
radioimmunoassay
spinal cord
Follicular fluid, human, 1089
proopiomelanocortin-related peptides
Food deprivation, 83
neuropeptide Y concentrations
paraventricular nucleus
Food intake
avian pancreatic polypeptide, 449
body weight, 211
central administration, 449
chickens, 449
cholecystokinin antagonists, s207
cholecystokinin octapeptide, 1093
dog, 1093
gastric secretion, 449
insulin secretion, 1093
latency to onset of feeding, 1269
mesencephalon, 1269
motility, 449
neural transection, 1269
neuropeptide Y, 1269
pancreatic polypeptide secretion, 1093
satiety, s207
SMS 201-995, 211
somatostatin antiserum, 211
Forebrain
angiotensin-(1–7), 1395
comparative distribution, s15
immunocytochemistry, 1395
neuropeptide Y, s15
neuropeptide Y immunoreactivity, s15
receptor autoradiography, s15
Fowl, domestic, 709
body temperature
drinking
eating
β-endorphin
intracerebroventricular injection
Free feeding rats, s35
eating
growth hormone releasing factor
Frog ventricles, 1
atrial natriuretic factor
immunoreactivity
Frontal cortex, 631
aging
amino acid neurotransmitter activity
cholecystokinin
Functional studies, 545
adrenergic neurotransmission
neuropeptide Y
presynaptic regulation
structural studies
vas deferens
Fusion protein, 301
E. coli expression
secretin, human

Galanin
atrial natriuretic peptide, 497
brain, baboon, 847
calcitonin gene-related peptide, 497
galanin-like immunoreactivity, 847
intestinal motility, 1183
macronutrient selection, 309
paraventricular nucleus, 309
rat/guinea pig/canine comparisons, 1183
spontaneous smooth muscle activity, 497
uterus, rat, 497
Galanin-like immunoreactivity, 847
brain, baboon
galanin
Gas-phase sequencing, 681
corpus cardiacum
grasshopper
Ro I
Ro II
Gastric acid secretion, 843
sauvagine
Gastric emptying
bombesin, 1289
calcitonin gene-related peptide, 735
central nervous system, 735
neurohypophyseal secretion, 1289
secretin, 583
small intestinal transit, 583
species-specific effects, 1289
Gastric function, s9
central nervous system
dose-dependent effects
thyrotropin releasing hormone
ulceration
Gastric secretion
avian pancreatic polypeptide, 449
central administration, 449
chickens, 449
corticotropin-releasing factor, 1067
food intake, 449
gastrin, 249
intracisternal injection, 1067
intraperitoneal administration, 249
motility, 449
mucosal blood flow, 249
somatostatin-14, 249
somatostatin-28, 249
surgical stress, 1067
Gastric secretion, human, 295
calcitonin
immunoextraction
Gastrin
adrenergic/cholinergic comparisons, 463
antral gastrin release, 463
fast performance liquid chromatography, 763
gastric secretion, 249
intraperitoneal administration, 249
mucosal blood flow, 249
rabbits, 763
receptor-mediated stimulation, 463
reverse phase high performance liquid chromatography, 763

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

somatostatin-14, 249
somatostatin-28, 249
Gastrin/CCK-like aspects, s137
FMRF-amide
leucosulfakinins
structure-activity
Gastrointestinal peptides, 221
age differences
eating
Gastrointestinal tract, 643
binding site distribution
bombesin
Gastrointestinal tract, canine, 1241
autoradiography
vasoactive intestinal peptide
Gastrointestinal tract, human, 1207
autoradiography
neuromedin K
receptor binding sites
substance K
substance P
Gene expression, 817
atrial natriuretic factor
strain differences
Glucagon, 561
diabetes mellitus
plasma glucose
somatostatin analog
Gonadotrophs, 55
anterior pituitary
endopeptidase-24.11
pigs
pituitary proteohormones
Gonadotropin-releasing hormone
brain, goldfish, 625
brain, human, 419
differential distribution, 625
hypothalamus, 419
polygenic expression, 419
Grasshopper, 681
corpus cardiacum
gas-phase sequencing
Ro I
Ro II
Grey fleshfly, 1027
midgut
migratory locust
nervous system
neuropeptide Y
Grooming
bombesin, s233, s245
dopaminergic system, s233, s245
grooming inducing peptides, 283
locomotor activity, s245
oxytocin, s223
satiety, s233
thyrotropin releasing hormone, 283
ventral tegmental area, s223
Grooming inducing peptides, 283
grooming behavior
thyrotropin releasing hormone
Growth hormone
β-adrenergic agonists, 571
calcium channel blockers, 571
cell proliferation, 825
depression, s113
growth hormone-releasing factor, s113, 985
Harderian gland, 571
hypothalamic peptides, 825
hypothalamus, 985
peptide synthesis, 985
prolactin, 825
radioimmunoassay, 571
slot hybridization, 985
somatostatin, 571
Growth hormone releasing factor
depression, s113
eating, s35
free-feeding rats, s35
growth depression, s113
growth hormone, 985
hypothalamus, 985
peptide synthesis, 985
slot hybridization, 985
Growth hormone-releasing factor analogues, 207
degradation
pharmacokinetics
route of administration
Guanidine thiocyanate, 669
peptide extraction
ribonucleic acid
Guinea pig, 965
atrial natriuretic peptide
intestine
Gut afferents, 873
peptide immunohistochemistry
primary neurons

Habenula, 1107
dynorphin A
α-neo-endorphin
habenular modulation
ventral mesencephalon
Habenular modulation, 1107
dynorphin A
α-neo-endorphin
habenula
ventral mesencephalon
Half-life, 47
amino acid sequencing
atrial natriuretic factor
radioimmunoassay
NH_2-terminal fragment
Hamsters, 1389
feeding behavior
neuropeptide Y
resting behavior
Harderian gland
β-adrenergic agonists, 571
calcium channel blockers, 571
growth hormone, 571
oxytocin, 289
pineal gland, 289
radioimmunoassay, 571
retina, 289
somatostatin, 571
vasopressin, 289
Heart, rabbit, 945
endooligopeptidase A
enkephalin
enkephalin generation
Heart rate, 883
atria, guinea pig
bradykinin
capsaicin
neurotensin
Hemorrhage, 393
cats
neuropeptide adrenal release
opiate antagonists
Heterogeneity, 407
calcitonin gene-related peptide
thyroid gland
High affinity binding, s57
lung cancer cells
neurotensin
High performance liquid chromatography
biochemical characterization, 1137
brain, 1043
cholecystokinin, 1255
corticotropin releasing factor, 1043
fish, 1043
FMRF-H_2-like peptides, 1137
hypothalamus, 1381
mammals, 1137
microsequence analysis, 1255
neurotensin, 1381
neurotransmitter release, 1381
pituitary, 1043
radioimmunoassay, 1137, 1043
sated/fasted rat comparisons, 1381
spinal cord, 1137
urotensin I, 1043
High pressure liquid chromatography, 125
Met/Leu-enkephalin
spinal cord, human fetal
Hippocampus, 441
castration
luteinizing hormone-releasing hormone receptors
sex steroids
Hoe 427, 1081
brain, rat
neurochemical effects
Holostean fish, 65
β-endorphin
immunoreactive material
intermediate pituitary
Hormone
ACTH, s39
thyrotropin-releasing hormone, 539
Human calcitonin gene-related peptide, 957
autoradiography
human calcitonin gene-related peptide binding sites
lung, guinea pig
lung, human
Human calcitonin gene-related peptide binding sites, 957
autoradiography
human calcitonin gene-related peptide
lung, guinea pig
lung, human
Human growth hormone releasing factor, s45
affective disorders
depression
human studies
plasma growth hormone levels
Human plasma, 187
atrial natriuretic peptide

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

blood pressure
vasopressin
Human/rat monocyte comparisons, s29
chemotaxis
cholecystokinin
immune system
Human studies
acquired immunodeficiency syndrome, 425
affective disorders, s45
depression, s45
human growth hormone releasing factor, s45
immunodeficiency virus, 425
peptide T, 425
plasma growth hormone levels, s45
vasoactive intestinal peptide receptors, 425
Human studies, males, 433
hypoglycemia, insulin-induced
neuropeptide Y-like immunoreactivity
plasma
Hyperglycemia, 527
clonidine
thyrotropin-releasing hormone
Hyperprolactinemia, 933
passive immunization
substance P
Hypertonic saline, 717
1-desamino-8-D-arginine-vasopressin
learning behavior
neonatal administration
Hypoglycemia, insulin-induced, 433
human studies, males
neuropeptide Y-like immunoreactivity
plasma
Hypokinesia, 277
ACTH-neuropeptides
stress
Hypothalamic blood flow, 215
adrenocorticotropic hormone
cerebral blood volume
thyrotropin-releasing hormone
Hypothalamic GnRH, 411
neuropeptide Y
pituitary gonadotropins
rabbits
Hypothalamic paraventricular nucleus, 989
eating
neuropeptide Y
Hypothalamic peptides, 825
cell proliferation
growth hormone
prolactin
Hypothalamus
age differences, 751
atrial natriuretic factor, 1101
brain, human, 419
cardiovascular system, s75
caudal medulla, 689
β-endorphin, 689, 751
gonadotropin-releasing hormone, 419
growth hormone, 985
growth hormone-releasing hormone, 985
high performance liquid chromatography, 1381
immunocytochemistry, 689
inhibitory avoidance, 751
α-melanocyte stimulating hormone, 689
monosodium glutamate, 689
neurotensin, 1381
neurotensin-like peptides, 71
neurotransmitter release, 1381
opioid receptors, s75
peptide synthesis, 985
polygenic expression, 419
sated/fasted rat comparisons, 1381
single neurons, 71
slot hybridization, 985
spinal cord, 1101
strain differences, 1101
substance P, 71
suckling, 751
undernutrition, 751

IGF-II receptors, s91
autoradiography
IL-1 receptors
Thy 1.1 receptor distribution, s91
IL-1 receptors, s91
autoradiography
IGF-II receptors
Thy 1.1 receptor distribution
Immune system
autoradiography, s21
chemotaxis, s29
cholecystokinin, s29
human/rat monocyte comparisons, s29
lymphocytes, s21
spleen, rat, s21
vasoactive intestinal peptide receptors
Immunoblotting, 1407
anti-idiotype antibody
bovine pituitary gland
vasopressin
Immunocytochemistry
angiotensin-(1–7), 1395
caudal medulla, 689
central amygdaloid nucleus, 661
β-endorphin, 689
forebrain, 1395
hypothalamus, 689
immunoreactive fibers, 661
in vivo, 87
α-melanocyte stimulating hormone, 689
monosodium glutamate, 689
neuropeptides, 1351
oxytocin/vasopressin prohormone processing, 87
septo-hippocampal neurons, 1351
serotonin, 383
spinal cord, cat, 383
substance P, 383
vasoactive intestinal polypeptide, 661
Immunodeficiency virus, 425
acquired immunodeficiency syndrome
human studies
peptide T
vasoactive intestinal peptide receptors
Immunoextraction, 295
calcitonin
gastric secretion, human

Immunohistochemistry
biochemical characterization, 899
brain, cartilagenous fish, 899
corticotropin releasing factor, 589
corticotropin releasing factor neurons, 589
α-melanocyte stimulating hormone, 899
stalk-median eminence, 589
Immunoradiometric assay, 1059
proatrial natriuretic factor
tissue extract
Immunoreactive adrenocorticotropic hormone, 437
brain
enzyme inhibitors
immunoreactive β-endorphin
pituitary
Immunoreactive β-endorphin, 437
brain
enzyme inhibitors
immunoreactive adrenocorticotropic hormone
pituitary
Immunoreactive fibers, 661
central amygdaloid nucleus
immunocytochemistry
vasoactive intestinal polypeptide
Immunoreactive material, 65
β-endorphin
holostean fish
intermediate pituitary
Immunoreactivity, 1
atrial natriuretic factor
frog ventricles
Inhibitory avoidance, 751
age differences
β-endorphin
hypothalamus
suckling
undernutrition
Insect neuropeptides, s153
arthropod peptides
pigment-dispersing hormones
structure-activity relationships
Insulin secretion, 1093
cholecystokinin octapeptide
dog
food intake
pancreatic polypeptide secretion
Intermediate lobe, s169
biosynthetic/proliferative capacity cultures
melanotroph morphology
POMC gene expression
Intermediate lobe cultures, s161
cell proliferation
dopaminergic regulation
POMC biosynthesis
Intermediate pituitary, 65
β-endorphin, 65, 801
holostean fish, 65
immunoreactive material, 65
lungfish, 801
Intestine, 965
atrial natriuretic peptide
guinea pig
Intestinal motility, 1183

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

galanin
rat/guinea pig/canine comparisons
Intracerebral microinjection, 937
cholecystokinin
medial prefrontal cortex
self-stimulation
Intracerebroventricular administration, 1221
biologically active peptides
blood pressure
sheep

Intracerebroventricular infusion, 509
atrial natriuretic factor
sheep
Intracerebroventricular injection
angiotensin II, 979
angiotensin III, 979
body temperature, 709
drinking, 709, 979
eating, 709
β-endorphin, 709
fowl, domestic, 709
rats, spontaneously hypertensive, 979
Intracisternal injection, 1067
corticotropin-releasing factor
gastric secretion
surgical stress
Intraperitoneal administration, 249
gastric secretion
gastrin
mucosal blood flow somatostatin-14
somatostatin-28
Intrarenal infusion, 1129
dog
calcitonin gene-related peptide
renal sodium excretion
Intrathecal injection, 1335
arginine vasopressin
arginine vasotocin
lysine vasopressin
oxytocin
paralysis
Intraventricular infusion, 723
adrenalectomy
cholecystokinin
episodic feeding
neuropeptide Y
rats, female
satiety
In vitro
adrenocorticotropic hormone, 1015
brainstem, 1151
luteinizing hormone releasing hormone, 7, 1151
α-melanocyte stimulating hormone, 1015
neuronal outgrowth, 1015
ovaries, whole, 7
pituitary, 1151
proteolytic degradation, 7
slice cultures, 1151
subcellular fractions, 7
trophic action, 1015
In vitro actions, 113
brain-gut peptides
corticosterone secretion
in vivo actions
pituitary-adrenal activation
In vitro autoradiography, 673
atrial natriuretic factor
binding site localization
mammary gland
In vivo
immunocytochemistry, 87
oxytocin/vasopressin prohormone processing, 87
substance P, 1145
zona glomerulosa, 1145
In vivo actions, 113
brain gut peptides
corticosterone secretion
in vitro actions
pituitary-adrenal activation

Kidney, 595
arginine vasopressin
long-term treatment
renal tubular receptors
strain differences
Kallikrein, 203
bradykinin
bradykinin analogs
bradykinin antagonists
kallikrein inhibition
Kallikrein inhibition, 203
bradykinin
bradykinin analogs
bradykinin antagonists
kallikrein
Kassinin, 1055
dog
exocrine pancreas
splanchnic circulation
Kindling, pentylenetetrazol-induced, s105
pentylenetetrazol
somatostatin-like immunoreactivity
somatostatin receptor binding

Latency to onset of feeding, 1269
food intake
mesencephalon
neural transection
neuropeptide Y
Lateral hypothalamus, 1121
amygdala
brainstem
dynorphin
Learning, 575
ebiratide
memory
mice/rat comparisons
Learning behavior, 717
1-desamino-8-D-arginine-vasopressin
hypertonic saline
neonatal administration
Lesions, ibotenic-acid induced
acetylcholinesterase histochemistry
neurotensin receptors
nucleus basalis
radioautography
Leucocytes, 181
energy deficiency
physical exercise
VIP receptor upregulation
Leucosulfakinins, s137
FMRF-amide
gastrin/CCK-like aspects
structure-activity
Little gastrin, s145
biologically active conformations
cerulein
cholecystokinin
conformational analysis
met-enkephalin
Locomotor activity, s245
bombesin
dopaminergic system
grooming
Long-term treatment, 595
arginine vasopressin
kidney
renal tubular receptors
strain differences
Lung cancer cells, s57
high affinity binding
neurotensin
Lungfish, 801
β-endorphin
intermediate pituitary
Lung, guinea pig, 957
autoradiography
human calcitonin gene-related peptide
human calcitonin gene-related peptide binding sites
lung, human
Lung, human, 957
autoradiography
human calcitonin gene-related peptide
human calcitonin gene-related peptide binding sites
lung, guinea pig
Lung membranes, human, 339
pharmacological characterization
VIP receptors
Luteinizing hormone releasing hormone
brainstem, 1151
castration, 441
exocrine secretion, 515
hippocampus, 441
in vitro, 7, 1151
male reproductive tract, 515
ovaries, whole, 7
pituitary, 1151
proteolytic degradation, 7
sex steroids, 441
slice cultures, 1151
subcellular fractions, 7
Lymphocytes, s21
autoradiography
immune system
spleen, rat
vasoactive intestinal peptide receptors
Lysine vasopressin, 1335
arginine vasopressin
arginine vasotocin
intrathecal injection
oxytocin
paralysis

Macronutrient selection, 309
galanin
paraventricular nucleus
Male reproductive tract, 515

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

exocrine secretion
luteinizing hormone-releasing hormone
Mammalian/nonmammalian comparisons, 927
neurohypophysial peptides
ovary
oxytocin
Mammals
biochemical characterization, 1137
FMRFamide, 915
FMRF-H_2-like peptides, 1137
high performance liquid chromatography, 1137
radioimmunoassay, 1137
spinal cord, 1137
Mammary gland, 673
atrial natriuretic factor
binding site localization
in vitro autoradiography
Marine gastropod, 1323
central nervous system
peptide localization
Medial prefrontal cortex, 937
cholecystokinin
intracerebral microinjection
Medulla oblongata, 1071
autoradiography
dog/rat comparisons
neuropeptide Y
peptide YY
receptor binding
α-Melanocyte stimulating hormone
adrenocorticotropic hormone, 1015
antipyretics, 1285
biochemical characterization, 899
brain, cartilagenous fish, 899
caudal medulla, 689
β-endorphin, 689
hypothalamus, 689
immunocytochemistry, 689
immunohistochemistry, 899
in vitro, 1015
monosodium glutamate, 689
neuronal outgrowth, 1015
rabbit, 1285
trophic action, 1015
Melanotroph morphology, s169
biosynthetic/proliferative capacity
cultures
intermediate lobe
POMC gene expression
Memory, 575
ebiratide
learning
mice/rat comparisons
Memory retention 1077
pancreastatin
Mesencephalon, 1269
food intake
latency to onset of feeding
neural transection
neuropeptide Y
Mesenteric lymph nodes, canine, 257
receptor binding site localization
sensory neuropeptides
sensory nerve fiber localization
Mesotocin, 829
brain, chicken
pituitary, chicken
vasotocin
Metamorphosis, 1403
barnacle pheromone
settlement
synthetic peptide analogs
Met-enkephalin, s145
biologically active conformations
cerulein
cholecystokinin
conformational analysis
little gastrin
Method
acetylcholinesterase histochemistry, 1227
autoradiography, s21, 23, s85, s91, 957, 1071, 1207, 1241
bioassay, 669
chromatography, 437, 669
dual immunocytochemistry, 567
fast performance liquid chromatography, 763
fast protein liquid chromatography, 295
gel chromatography, 47, 295
gel filtration, 1, 945
gel filtration chromatography, 65
gel-permeation chromatography, 407
high performance gel permeation chromatography, 965
high performance liquid chromatography, 1, 407, 419, 681, 847, 899, 927, 1043, 1089, 1137, 1255, 1381
high pressure liquid chromatography, 625
IgG affinity chromatography, 301
immunoblotting, 1407
immunocytochemistry, 1, 13, 55, s79, 193, 383, 419, 689, 1005, 1351, 1395
immunohistochemistry, 119, 133, s169, 257, 325, 515, 589, 899, 965
in vitro autoradiography, 441, 643, 673
ion-exchange chromatography, 945
light microscopy, 151
microsequence analysis, 1255
preparative gel electrophoresis
quantitative autoradiography, s3
quantitative receptor autoradiography, 257
radioautography, 1227
radioimmunoassay, 47, 65, 77, s125, s169, 186, 295, 407, 419, 455, 469, 481, 555, 571, 625, 669, 795, 801, 829, 899, 927, 965, 1005, 1027, 1043, 1089, 1137, 1373
radioimmunohistochemistry, s181
radiosequence analysis, 1275
reverse phase chromatography, 295
reverse phase high performance liquid chromatography, 47, 65, 763, 867, 923, 965, 1027, 1373
reverse phase liquid chromatography, 455
sequential gel filtration, 867
Methylatropine, 893
cardiovascular effects
MK-771
preoptic suprachiasmatic nucleus
propranolol
thyrotropin-releasing hormone
Met/Leu-enkephalin, 125
high pressure liquid chromatography
spinal cord, human fetal
Mice, beige-J, 637
[^{3}H]DAGO
[^{3}H]DAGO binding
Mice, male, 777
FK33-824
rectal temperature
respiratory rate
strain differences
Mice/rat comparisons, 575
ebiratide
learning
memory
Microsequence analysis, 1255
cholecystokinin
high performance liquid chromatography
Midbrain periaqueductal gray, 999
affective defensive behavior
cat
opioid peptides
Midgut, 1027
grey fleshfly
migratory locust
nervous system
neuropeptide Y
Migratory locust, 1027
grey fleshfly
midgut
nervous system
neuropeptide Y
MK-771
cardiovascular effects, 893
methylatropine, 893
preoptic suprachiasmatic nucleus, 893
propranolol, 893
spinal cord vasoconstriction, 1307
substance P, 1307
substance P antagonists, 1307
thyrotropin-releasing hormone, 893, 1307
Molluscs
bag cells, 867
CCK-8, 133
egg-laying hormones, 867
feeding-specific neurons, 133
Monensin, 1037
adrenocorticotropic hormone release
corticotropin releasing factor
Monosodium glutamate, 689
caudal medulla
β-endorphin
hypothalamus
immunocytochemistry
α-melanocyte stimulating hormone
Mossy fiber neuropeptides, s79
CCK immunoreactivity
neurotransmitter regulation
seizures
Motilin, 501
colonic motor complexes
dog
naloxone
Motility, 449

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

avian pancreatic polypeptide
central administration
chickens
food intake
gastric secretion
Motor activity, 475
angiotensin II
passive avoidance behavior
saralasin
Motor behavior, s39
ACTH release
nicotine
prenatal/postnatal exposure
Motor unit performance, s215
contractile strength
nerve regeneration
neuromuscular function
ORG 2766
Molluscan peptides, s125
FMRFamide-related peptides
Mucosal blood flow, 249
gastric secretion
gastrin
intraperitoneal administration
somatostatin-14
somatostatin-28
Multiple opioid receptors, s49
endogenous ligands
opioid actions review
receptor dualism
species differences
Myometrial blood flow regulation, 269
neuropeptide Y
vasoactive intestinal polypeptide

Naloxone, 501
colonic motor complexes
dog
motilin
Neonatal neuromuscular parameters, 151
ACTH/MSH 4–10
postnatal administration
Neonatal sleep, 487
arginine vasotocin
peripheral administration
Neonatal rats, 1317
corticotropin-releasing factor
spinal cord
Neonatal administration, 717
1-desamino-8-D-arginine-vasopressin
hypertonic saline
learning behavior
Nerve deafferentation, 319
brain neuropeptide concentrations
spinal chord neuropeptide concentration
Nerve regeneration, s215
contractile strength
motor unit performance
neuromuscular function
ORG 2766
Nervous system
crabs, 795
crustacean cardioactive peptides, 795
grey fleshfly, 1027
midgut, 1027
migratory locust, 1027
neuropeptide Y, 1027
radioimmunoassay, 795
Neurally-mediated hyperglycemia, 31
central injection
thyrotropin-releasing hormone
Neural mediation, 119
chloride transport
dogfish
immunohistochemistry
rectal gland
vasoactive intestinal peptide
Neural transection, 1269
food intake
latency to onset of feeding
mesencephalon
Neurochemical effects, 1081
brain, rat
Hoe 427
Neurohypophyseal hormone-like peptides, 455
ovine pineal gland
radioimmunoassay
reverse phase liquid chromatography
Neurohypophysial peptides, 927
mammalian/nonmammalian comparisons
ovary
oxytocin
Neurohypophyseal secretion, 1289
bombesin
gastric emptying
species-specific effects
Neuroleptic-like properties, 739
behavioral profiles
cholecystokinin analogs
route of administration
Neuromedin K, 1207
autoradiography
gastrointestinal tract, human
receptor binding sites
substance K
substance P
Neuromuscular function, s215
contractile strength
motor unit performance
nerve regeneration
ORG 2766
Neuromuscular transmission, 613
calcitonin gene-related peptide
diaphragm
Neuronal interactions, 567
arcuate nucleus
catecholaminergic system
dual immunocytochemistry
neuropeptide Y

Neuronal outgrowth, 1015
adrenocorticotropic hormone
in vitro
α-melanocyte stimulating hormone
trophic action
Neuropeptide adrenal release, 393
cats
hemorrhage
opiate antagonists
Neuropeptide K-(1–24)-peptide, 859
carcinoid tumors
neuropeptide K-(1–24)-peptide release
neuropeptide K-(1–24)-peptide storage
Neuropeptide K-(1–24)-peptide release, 859
carcinoid tumors
neuropeptide K-(1–24)-peptide
neuropeptide K-(1–24)-peptide storage
Neuropeptide K-(1–24)-peptide storage, 859
carcinoid tumors
neuropeptide K-(1–24)-peptide
neuropeptide K-(1–24)-peptide release
Neuropeptide receptors, s97
AIDS
primate brain
T lymphocyte antigen
Neuropeptides
cornea, 1373
immunocytochemistry, 1351
radioimmunoassay, 1373
reversed phase high performance liquid chromatography, 1373
septo-hippocampal neurons, 1351
Neuropeptide Y
adrenalectomy, 723
adrenergic neurotransmission, 545
arcuate nucleus, 567
autoradiography, 1071
catecholaminergic system, 567
cholecystokinin, 723
comparative distribution, s15
dog/rat comparisons, 1071
dual immunocytochemistry, 567
eating, 989
episodic feeding, 723
feeding behavior, 1389
food intake, 1269
forebrain, s15
functional studies, 545
grey fleshfly, 1027
hamsters, 1389
hypothalamic GnRH, 411
hypothalamic paraventricular nucleus, 989
intraventricular infusion, 723
latency to onset of feeding, 1269
medulla oblongata, 1071
mesencephalon, 1269
midgut, 1027
migratory locust, 1027
myometrial blood flow, 269
nervous system, 1027
neural transection, 1269
neuronal interactions, 567
neuropeptide Y immunoreactivity, s15
peptide YY, 1071
pituitary gonadotropins, 411
presynaptic regulation, 545
rabbits, 411
rats, female, 723
receptor autoradiography, s15
receptor binding, 1071
resting behavior, 1389
satiety, 723
structural studies, 545
vas deferens, 545
vasoactive intestinal polypeptide, 269
Neuropeptide Y concentrations, 83
food deprivation
paraventricular nucleus

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

Neuropeptide Y immunoreactivity, s15
comparative distribution
forebrain
neuropeptide Y
receptor autoradiography
Neuropeptide Y-like immunoreactivity, 433
human studies, males
hypoglycemia, insulin-induced
plasma
Neurotensin
anorexia, 729
atria, guinea pig, 883
bombesin, 729
bradykinin, 883
calcitonin, 729
capsaicin, 883
heart rate, 883
high affinity binding, s57
high performance liquid chromatography, 1381
hypothalamus, 1381
lung cancer cells, s57
neurotransmitter release, 1381
nucleus of the tractus solitarius, 729
paraventricular nucleus of the hypothalamus, 729
sated/fasted rat comparisons, 1381
Neurotensin-like peptides, 71
hypothalamus
single neurons
substance P
Neurotensin receptors, 1227
acetylcholinesterase histochemistry
lesions, ibotenic-acid induced
nucleus basalis
radioautography
Neurotransmitter regulation, s79
CCK immunoreactivity
mossy fiber neuropeptides
seizures
Neurotransmitter release, 1381
high performance liquid chromatography
hypothalamus
neurotensin
sated/fasted rat comparisons
NH_2-terminal fragment, 47
amino acid sequencing
atrial natriuretic factor
half-life
radioimmunoassay
Nicotine, s39
ACTH release
motor behavior
prenatal/postnatal exposure
Noradrenergic noncholinergic inhibitory responses, 443
feline airways
vasoactive intestinal peptide antagonists
Nucleus accumbens, 539
affective aggression
dominance
thyrotropin-releasing hormone
Nucleus basalis, 1227
acetylcholinesterase histochemistry
lesions, ibotenic-acid induced
neurotensin receptors
radioautography
Nucleus tractus solitarius
anorexia, 729
bombesin, 729
calcitonin, 729
cat, 1301
deafferentation studies, 193
neurotensin, 729
opiocortin-ir projections, 193
paraventricular nucleus of the hypothalamus, 729
substance P

Opiate antagonists, 393
cats
hemorrhage
neuropeptide adrenal release
Opiocortin-ir projections, 193
deafferentation studies
nucleus tractus solitarius
Opioid actions review, s49
endogenous ligands
multiple opioid receptors
receptor dualism
species differences
Opioid peptides, 999
affective defensive behavior
cat
midbrain periaqueductal gray
Opioid receptors
autonomic modulation, s63
autoradiography, s85
axonal transport, s85
cardiovascular activity, s63
cardiovascular system, s75
hypothalamus, s75
sympathetic pathways, s63
Organ blood flow, s69
blood pressure
sympathetic nerve activity
thyrotropin releasing hormone
ORG 2766
active avoidance task, 745
adrenocorticotropic hormone, 745
contractile strength, s215
corticotropin-releasing factor, 745
motor unit performance, s215
nerve regeneration, s215
neuromuscular function, s215
postnatal administration, 745
prenatal administration, 745
Osmotic stimuli, s109
arginine-vasopressin levels
cerebrospinal fluid
circadian rhythm
Ovaries, whole, 7
in vitro
luteinizing hormone-releasing hormone
proteolytic degradation
subcellular fractions
Ovary, 927
mammalian/nonmammalian comparisons
neurohypophyseal peptides
oxytocin
Ovine fetus, 107
adrenal VIP content
VIP release
Ovine pineal gland, 455
neurohypophyseal hormone-like peptides
radioimmunoassay
reverse phase liquid chromatography
Oxidized chemotactic tripeptides
conformation-activity study
peptide chemoattractants, 1195
Oxytocin
arginine vasopressin, 1335
arginine vasotocin, 1335
biotinyl analogs, 783
fluorescent analogs, 783
grooming behavior, s223
Harderian gland, 289
intrathecal injection, 1335
lysine vasopressin, 1335
mammalian/nonmammalian comparisons, 927
neurohypophysial peptides, 927
ovary, 927
paralysis, 1335
photoaffinity analogs, 783
pineal gland, 289
retina, 289
vasopressin, 289
ventral tegmental area, s223
Oxytocin/vasopressin prohormone processing 87
immunocytochemistry
in vivo

Pancreastatin
memory retention, 1077
pancreastatin distribution, 1005
pig, 1005
plasma level, 1005
Pancreastatin distribution, 1005
pancreastatin
pig
plasma levels
Pancreatic polypeptide secretion, 1093
cholecystokinin octapeptide
dog
food intake
insulin secretion
Paralysis, 1335
arginine vasopressin
arginine vasotocin
intrathecal injection
lysine vasopressin
oxytocin
Paraventricular nucleus
angiotensin II immunoreactivity, 481
anorexia, 729
bombesin, 729
calcitonin, 729
food deprivation, 83
galanin, 309
macronutrient selection, 309
neuropeptide Y concentrations, 83
neurotensin, 729
nucleus of the tractus solitarius
paraventricular nucleus of the hypothalamus, 729
push-pull perfusates, 481
Parkinson's disease, 787

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

brain, human
regional distribution
vasoactive intestinal polypeptide
Parotid secretion, 519
efferent neuronal activity
pentagastrin
sheep
Passive avoidance behavior, 475
angiotensin II
motor activity
saralasin
Passive immunization, 933
hyperprolactinemia
substance P
Peptide
ACTH, 55, 77, 107, 151, 215, 325, 437, 745, 1015, 1037, 1089
ACH-(4–10), 277
ACTH-(7–10), 277
angiotensin-(1–7), 1395
angiotensin II, 107, 141, s201, 243, 475, 481, 677, 979
angiotensin III, 677, 979
aprotinin, 1275
arginine-vasopressin, s109, 157, s193, 595, 817, 1221, 1335
arginine vasotocin, 487, 1335
atrial natriuretic factor, 1, s3, 47, 173, 509, 673, 817, 1021, 1101
atrial natriuretic peptide, 187, 497, 965
avian pancreatic polypeptide, 449
^{125}I-Bolton Hunter substance P, 227
bombesin, 113, s207, 221, s233, s245, 257, 283, 357, 393, 643, 729, 739, 909, 923, 1289, 1345, 1367
bradykinin, 203, 883, 945
calbindin D_{28k}, 325
calcitonin, 221, 295, 729
calcitonin gene-related peptide, 165, 257, 407, 497, 613, 735, 873, 883, 1129, 1221, 1323, 1351
capsaicin, 407, 601, 873, 883
CCK-8, 133
cerulein, s145, 739
cholecystokinin, s29, s79, 113, s137, s145, s207, 221, 357, 373, 393, 493, 601, 631, 723, 739, 809, 835, 937, 1049, 1255, 1295, 1323, 1351
cholecystokinin-58, 993
cholecystokinin octapeptide, 429, 1093
chromogranin A, 1005
corticotropin, 37, 283
corticotrophin-like intermediate lobe peptide, 757
corticotropin releasing factor, 113, 559, 697, 745, 825, 1037. 1043, 1067, 1151, 1261, 1317
cortisol, 1261
crustacean cardioactive peptide, 795
DAGO, 1177
[^{3}H]DAGO, 637
delta sleep-inducing peptide, 533
1-desamino-8-D-arginine-vasopressin, 717
DPDPE, 1177
[D-Pro^2-D-Trp^{7,9}]-substance P, 909
dynorphin, 319, 1121
dynorphin A, 1107
dynorphin-B, 1351
dynorphins, s75, s79
ebiratide, 575
egg-laying hormone, 867
eledoisin, 347
endooligopeptidase A, 945
α-neo-endorphin, 1107
β-endorphin, 65, 283, 319, 437, 689, 709, 751, 801, 1089, 1221, 1373
γ-endorphin, 1089
endorphins, s75
[D-Ala^2-Met^5]-enkephalinamide, 999
enkephalin, 31, 325, 945, 1323, 1351
enkephalins, s75, s79
epidermal growth factor, 1221, 1441
FK33-824, 777
FMRF-amide, s137, 915
follicular stimulating hormone, 55
galanin, 309, 325, 497, 847, 1183, 1323, 1351
gastrin, s137, 249, 463, 739
gastrin-releasing peptide, 1345
glucagon, 31, 221, 561, 583
glutamate, 909
glycine, 909
gonadotropin-releasing hormone, 419, 625
growth hormone, 55, s113, 571, 825, 985
growth hormone releasing factor, s35, s113, 583, 985
growth hormone-releasing factor (1–29)-amide, 207
helodermin, 339
hemicholinium-3, 1081
herudin, 1275
Hoe 427, 1081
Hoe 825, 501
human calcitonin gene-related peptide, 957
human growth hormone releasing factor, s45
kallikrein, 203, 1275
kassinin, 1055
leucosulfakinin, s137
Leu-enkephalin, 125
leupeptin, 1275
β-lipotropin, 1089
litorin, 643
little gastrin, s145
luteinizing hormone, 55
luteinizing hormone releasing hormone, 7, 515, 825, 1151, 1351
lysine vasopressin, 1335
α-melanocyte stimulating hormone, 65, 689, 899, 1015, 1089, 1285, 1373
Met-enkephalin, 125, s145, 319, 357, 393
Met-enkephalin-Arg^6-Phe^7, s137
methionine enkephalin, 1221, 1373
MK-771, 893, 1307
monensin, 1037
motilin, 501
MSH, 151
noradrenaline, 883
neurokinin β, 227
neurokinin K, 227
neuromedin K, 1207
neuropeptide K, 227
neuropeptide K-(1–24)-peptide, 859
neuropeptide Y, s15, 83, 269, 325, 393, 411, 433, 545, 567, 723, 847, 873, 989, 1071, 1027, 1269, 1389
neurophysin, 1151
neurotensin, s57, 283, 357, 729, 739, 883, 945, 1151, 1351, 1381
neurotensin Y
ORG 2766, s215, 745
oxytocin, 87, s223, 289, 455, 717, 783, 927, 1289, 1335
pancreastatin, 1005, 1077
pentagastrin, 519
Peptide F, 1115
peptide histidine isoleucine, 339, 357, 583
peptide histidine methionine, 873
peptide T, 425
peptide YY, 141, 393, 1071
physalaemin, 347
^{3}H-physalaemin, 227
proatrial natriuretic factor, 1059, 1275
prolactin, 55, 825
pro-opiomelanocortin, s161, 437
ranatensin, 643
RC-160, 561
reserpine, 1261
Ro I, 681
Ro II, 681
saralasin, 475
sauvagine, 843
secretin, 113, 301, 339, 583
serotonin, 383, 909
somatostatin, 13, 211, 257, s257, 319, 325, 571, 739, 847, 909, 1221, 1351
somatostatin-14, 249, 873
somatostatin-28, 249, 873
substance K, 257, 1207
substance P, 71, s117, 165, 227, 257, 319, 325, 347, 357, 383, 619, 651, 847, 873, 909, 933, 937, 1145, 1207, 1301, 1307, 1351, 1367, 1373
thrombin, 1275
thyrotropin, 55
thyrotropin releasing hormone, s9, 31, s69, 215, 283, 527, 771, 825, 893, 1221, 1307
tyrosine hydroxylase, 1151
urotensin I, 1043
vasoactive intestinal peptide, s21, 23, 107, 119, 257, s257, 269, 315, 325, 339, 357, 393, 425, 443, 469, 661, 787, 825, 853, 1241, 1323, 1351
vasopressin, 87, 187, s189, 289, 455, 1235, 1323, 1407
vasotocin, 13, 455
Peripheral administration, 487
arginine vasotocin
neonatal sleep
Peripheral vagal fibers, 601
capsaicin
central vagal fibers
cholecystokinin
eating
Pentagastrin, 519
efferent neuronal activity
parotid secretion

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

sheep
Pentylenetetrazol, s105
kindling, pentylenetetrazol-induced
somatostatin-like immunoreactivity
somatostatin receptor binding
Peptide chemoattractants, 1195
conformation-activity study
oxidized chemotactic tripeptides
Peptide distribution, 357
spinal cord, cat,
spinal cord, dog
spinal cord, monkey
spinal cord, sloth
Peptide extraction, 669
guanidine thiocyanate
ribonucleic acid
Peptide F, 1115
altitude acclimatization
caffeine
endurance exercise
plasma levels
Peptide immunohistochemistry, 873
gut afferents
primary neurons
Peptide interactions, 909
[D-Pro^2-D-Trp^{7,9}]-substance P
serotonin
spinal cord
substance P
Peptide localization, 1323
central nervous system
marine gastropod
Peptide synthesis, 985
growth hormone
growth hormone-releasing hormone
hypothalamus
slot hybridization
Peptide T, 425
acquired immunodeficiency syndrome
immunodeficiency virus
human studies
vasoactive intestinal peptide receptors
Peptide YY
angiotensin II, 141
autoradiograhy, 1071
cerebral blood flow, 141
cerebrovascular resistance, 141
circumventricular organs, 141
dog/rat comparisons, 1071
medulla oblongata, 1071
neuropeptide Y
receptor binding
Pharmacokinetics, 207
degradation
growth hormone-releasing factor analogues
route of administration
Pharmacokinetic study, 555
desglycinamide-arginine vasopressin
radioimmunoassay
Pharmacological characterization, 339
lung membranes
VIP receptors
Phosphatidylinositol turnover, 1345
bombesin
brain, rat
Photoaffinity analogs, 783
biotinyl analogs
fluorescent analogs
oxytocin
Physical exercise, 181
energy deficiency
leucocytes
VIP receptor upregulation
Pigs
anterior pituitary, 55
endopeptidase-24.11, 55
gonadotrophs, 55
pancreastatin, 1005
pancreastatin distribution 1005
pituitary proteohormones, 55
plasma levels, 1005
Pigment-dispersing hormones, s153
anthropod peptides
insect neuropeptides
structure-activity relationships
Pineal gland
circadian rhythm, 973
Harderian gland, 289
oxytocin, 289
retina, 289
summer, 1235
vasopressin, 289, 973, 1235
vasopressin-converting aminopeptidase activity, 973, 1235
Pituitary
brain, 437, 1043
brainstem, 1151
corticotropin releasing factor, 1043
enzyme inhibitors, 437
fish, 1043
high performance liquid chromatography, 1043
immunoreactive adrenocorticotropic hormone, 437
immunoreactive β-endorphin, 437
in vitro, 1151
luteinizing hormone releasing hormone, 1151
radioimmunoassay, 1043
slice cultures, 1151
urotensin I, 1043
Pituitary-adrenal activation, 113
brain-gut peptides
corticosterone secretion
in vitro actions
in vivo actions
Pituitary, chicken, 829
brain, chicken
mesotocin
vasotocin
Pituitary colloid, 77
adrenocorticotropic hormone
Pituitary gonadotropins, 411
hypothalamic GnRH
neuropeptide Y
rabbits
Pituitary peptidase, 757
corticotrophin-like intermediate lobe pituitary
serum peptidase
Pituitary proteohormones, 55
anterior pituitary
endopeptidase-24.11
gonadotrophs
pigs
Plasma, 433
human studies, males
hypoglycemia, insulin-induced
neuropeptide Y-like immunoreactivity
Plasma glucose, 561
diabetes mellitus
glucagon
somatostatin analog
Plasma growth hormone levels, s45
affective disorders
depression
human growth hormone releasing factor
human studies
Plasma levels
altitude acclimatization, 1115
caffeine, 1115
endurance exercise, 1115
pancreastatin, 1005
pancreastatin distribution, 1005
peptide F, 1115
pig, 1005
Plasma osmolality, s201
alkalosis
angiotensin II
dog
drinking
Polygenic expression, 419
brain, human
gonadotropin-releasing hormone
hypothalamus
POMC biosynthesis, s161
cell proliferation
dopaminergic regulation
intermediate lobe cultures
POMC gene expression, s169
biosynthetic/proliferative capacity
cultures
intermediate lobe
melanotroph morphology
Postnatal administration
ACTH/MSH 4–10, 151
active avoidance task, 745
adrenocorticotropic hormone, 745
corticotropin-releasing factor, 745
neonatal neuromuscular parameters, 151
Organon 2766, 745
prenatal administration, 745
Prefrontal cortex, s117
boxing behavior
carbachol
drug interaction
substance P antagonists
Prenatal administration, 745
active avoidance task
adrenocorticotropic hormone
corticotropin-releasing factor
Organon 2766
postnatal administration, 745
Prenatal/postnatal exposure, s39
ACTH release
motor behavior
nicotine
Preoptic suprachiasmatic nucleus, 893
cardiovascular effects
methylatropine
MK-771

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

propranolol
thyrotropin-releasing hormone
Presynaptic regulation, 545
adrenergic neurotransmission
functional studies
neuropeptide Y
structural studies
vas deferens
Primary neurons, 873
gut afferents
peptide immunohistochemistry
Primate brain, s97
AIDS
neuropeptide receptors
T lymphocyte antigen
Proatrial natriuretic factor
cleavage sites, 1275
immunoradiometric assay, 1059
serine proteases, 1275
tissue extract, 1059
Prolactin, 825
cell proliferation
growth hormone
hypothalamic peptides
Proopiomelanocortin-related peptides, 1089
follicular fluid, human
Propranolol, 893
cardiovascular effects
methylatropine
MK-771
preoptic suprachiasmatic nucleus
thyrotropin-releasing hormone
Protease 3.4.24.11, 173
atrial natriuretic factor
atrial natriuretic factor degrading activity
rat kidney
Proteolytic degradation, 7
in vitro
luteinizing hormone-releasing hormone
ovaries, whole
subcellular fractions
Pulsatile secretion, 325
adrenocorticotropic hormone
circadian rhythm
cortisol
ultradian rhythm
Push-pull perfusates, 481
angiotensin II immunoreactivity
paraventricular nucleus

Rabbit
antipyretics, 1285
fast performance liquid chromatography, 763
gastrin, 763
hypothalamic GnRH, 411
α-melanocyte-stimulating hormone, 1285
neuropeptide Y, 411
pituitary gonadotropins, 411
reverse phase high performance liquid chromatography
Rabbit, Australian wild, 677
angiotensin
rabbits, New Zealand
route of administration
sodium intake
water intake
Rabbit, New Zealand, 677
angiotensin
rabbits, Australian
route of administration
sodium intake
water intake
Rabbit small intestine, 23
rat small intestine
receptor distribution
vasoactive intestinal peptide binding
Radioautography, 1227
acetylcholinesterase histochemistry
lesions, ibotenic-acid induced
neurotensin receptors
nucleus basalis
Radioimmunoassay
β-adrenergic agonists, 571
amino acid sequencing, 47
atrial natriuretic factor, 47
biochemical characterization, 1137
brain, 1043
calcium channel blockers, 571
cornea, 1373
corticotropin releasing factor, 1043
crabs, 795
crustacean cardioactive peptide, 795
desglycinamide-arginine vasopressin, 555
fish, 1043
FMRF-H_2-like peptides, 1137
growth hormone, 571
half-life, 47
Harderian gland, 571
high performance liquid chromatography, 1043, 1137
mammals, 1137
nervous system, 795
neurohypophyseal hormone-like peptides, 455
neuropeptides, 1373
NH_2-terminal fragment, 47
ovine pineal gland, 455
pharmacokinetic study, 555
pituitary, 1043
reverse phase-high performance liquid chromatography, 1373
reverse phase liquid chromatography, 455
somatostatin, 571
spinal cord, 1137
urotensin I, 1043
vasoactive intestinal peptide, 469
Radioimmunohistochemistry localization, s181
brain, rat
type II IGF receptors
Rat, female, 723
adrenalectomy
cholecystokinin
episodic feeding
intraventricular infusion
neuropeptide Y
satiety
Rat/guinea pig/canine comparisons, 1183
galanin
intestinal motility
Rat kidney, 173
atrial natriuretic factor
atrial natriuretic factor degrading activity
protease 3.4.24.11
Rat small intestine, 23
rabbit small intestine
receptor distribution
vasoactive intestinal peptide binding
Rat, spontaneously hypertensive
angiotensin II, 979
angiotensin III, 979
blood pressure, 1191
calcitonin, 1191
drinking, 979
intracerebroventricular infusion, 979
Receptor autoradiography, s15
comparative distribution
forebrain
neuropeptide Y
neuropeptide Y immunoreactivity
Receptor binding, 1071
autoradiography
dog/rat comparisons
medulla oblongata
neuropeptide Y
peptide YY
Receptor binding site localization, 257
mesenteric lymph nodes, canine
sensory neuropeptides
sensory nerve fiber localization
Receptor binding sites, 1207
autoradiography
gastrointestinal tract, human
neuromedin K
substance K
substance P
Receptor distribution, 23
rabbit small intestine
rat small intestine
vasoactive intestinal peptide binding
Receptor dualism, s49
endogenous ligands
multiple opioid receptors
opioid actions review
species differences
Receptor-mediated stimulation, 463
adrenergic/cholinergic comparisons
antral gastrin release
gastrin
Rectal gland, 119
chloride transport
dogfish
immunohistochemistry
neural mediation
vasoactive intestinal peptide
Rectal temperature, 777
FK33-824
mice, male
respiratory rate
strain differences
Regional distribution, 787
brain, human
Parkinson's disease
vasoactive intestinal polypeptide
Renal sodium excretion, 1129
dog
calcitonin gene-related peptide

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

intrarenal infusion
Renal tubular receptors, 595
arginine vasopressin
kidney
long-term treatment
strain differences
Renin angiotensin system, 243
angiotensin II
calcium metabolism
sodium metabolism
Respiration, 809
brainstem
cholecystokinin
Respiratory rate, 777
FK33-824
mice, male
rectal temperature
strain differences
Resting behavior, 1389
feeding behavior
hamsters
neuropeptide Y
Retina, 289
Harderian gland
oxytocin
pineal gland
vasopressin
Retina, toad, 373
cholecystokinin
cholecystokinin receptor characterization
Reverse phase-high performance liquid chromatography
cornea, 1373
fast performance liquid chromatography, 763
gastrin, 763
neuropeptides, 1373
rabbits, 763
Reverse phase liquid chromatography, 455
neurohypophyseal hormone-like peptides
ovine pineal gland
radioimmunoassay
Ribonucleic acid, 669
guanidine thiocyanate
peptide extraction
Ro I, 681
corpus cardiacum
gas-phase sequencing
grasshopper
Ro II
Ro II, 681
corpus cardiacum
gas-phase sequencing
grasshopper
Ro I
Route of administration
angiotensin, 677
behavioral profiles, 739
cholecystokinin analogs, 739
degradation, 207
growth hormone-releasing factor analogues, 207
neuroleptic-like properties, 739
pharmacokinetics, 207
rabbits, Australian wild, 677
rabbits, New Zealand, 677
sodium intake, 677
water intake, 677

Saralasin, 475
angiotensin II
motor activity
passive avoidance behavior
Sated/fasted rat comparisons, 1381
high performance liquid chromatography
hypothalamus
neurotensin
neurotransmitter release
Satiety
adrenalectomy, 723
bombesin, s233
cholecystokinin, 723
cholecystokinin antagonists, s207
dopaminergic system, s233
episodic feeding, 723
food intake, s207
grooming, s233
intraventricular infusion, 723
neuropeptide Y, 723
rats, female, 723
Sauvagine, 843
gastric acid secretion
Secretin, 583
gastric emptying
small intestinal transit
Secretin, human, 301
E. coli expression
fusion protein
Seizures, s79
CCK immunoreactivity
mossy fiber neuropeptides
neurotransmitter regulation
Selective inhibition, 771
cannabinoids
amygdala
thyrotropin releasing hormone
Self-stimulation
cholecystokinin
intracerebral microinjection
medial prefrontal cortex
Settlement, 1403
metamorphosis
barnacle pheromone
synthetic peptide analogs
Sensory nerve fiber localization, 257
mesenteric lymph nodes, canine
receptor binding site localization
sensory neuropeptides
Sensory neuropeptides, 257
mesenteric lymph nodes, canine
receptor binding site localization
sensory nerve fiber localization
Septo-hippocampal neurons, 1351
immunocytochemistry
neuropeptides
Serine proteases, 1275
cleavage sites
proatrial natriuretic factor
Serotonin
[D-Pro^2-D-Trp^{7,9}]-substance P, 909
immunocytochemistry, 383
peptide interactions, 909
spinal cord, 909
spinal cord, cat, 383
substance P, 383, 909
Serum peptidase, 757
corticotrophin-like intermediate lobe peptide
pituitary peptidase
Sex steroids, 441
castration
hippocampus
luteinizing hormone-releasing hormone receptors
Sheep
atrial natriuretic factor, 509
biologically active peptides, 1221
blood pressure, 1221
efferent neuronal activity, 519
intracerebroventricular administration, 1221
intracerebroventricular infusion, 509
parotid secretion, 519
pentagastrin, 519
Single neurons, 71
hypothalamus
neurotensin-like peptides
substance P
Slice cultures, 1151
brainstem
in vitro
luteinizing hormone releasing hormone
pituitary
Slot hybridization, 985
growth hormone
growth hormone-releasing hormone
hypothalamus
peptide synthesis
Small cell lung cancer
bombesin, 1367
bombesin-like secretion, s257
bombesin receptors, 1367
cAMP levels, s257
somatostatin, s257
substance P, 1367
substance P analogues, 1367
Small intestinal transit, 583
gastric emptying
secretin
Small intestine, 993
cholecystokinin
species differences
SMS 201-995, 211
body weight
food intake
somatostatin antiserum
Sodium intake, 677
angiotensin
rabbits, Australian wild
rabbits, New Zealand
route of administration
water intake
Sodium metabolism, 243
angiotensin II
calcium metabolism
renin angiotensin system
Somatostatin
β-adrenergic agonists, 571
bombesin-like secretion, s257
calcium channel blockers, 571
cAMP levels, s257

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

growth hormone, 571
Harderian gland, 571
radioimmunoassay, 571
small cell lung cancer, s257
Somatostatin analog, 561
diabetes mellitus
glucagon
plasma glucose
Somatostatin antiserum, 211
body weight
food intake
SMS 201-995
Somatostatin-14, 249
gastric secretion
gastrin
intraperitoneal administration
mucosal blood flow
somatostatin-28
Somatostatin-like immunoreactivity, s105
kindling pentylenetetrazol-induced
pentylenetetrazol
somatostatin receptor binding
Somatostatin receptor binding, s105
kindling, pentylenetetrazol-induced
pentylenetetrazol
somatostatin-like immunoreactivity
Somatostatin-28, 249
gastric secretion
gastrin
intraperitoneal administration
mucosal blood flow
somatostatin
Species differences
cholecystokinin-58, 993
endogenous ligands, s49
multiple opioid receptors, s49
opioid actions review, s49
receptor dualism, s49
small intestine, 993
Species-specific effects, 1289
bombesin
gastric emptying
neurohypophyseal secretion
Spinal cord
atrial natriuretic factor, 1101
biochemical characterization, 1137
corticotropin-releasing factor, 1317
[D-Pro^2-D-Trp^{7,9}]-substance P, 909
FMRF-H$_2$-like peptides, 1137
high performance liquid chromatography, 1137
hypothalamus, 1101
mammals, 1137
neonatal rats, 1317
peptide interactions, 909
radioimmunoassay, 1137
serotonin, 909
strain differences, 1101
substance P, 909
Spinal cord, cat
immunocytochemistry, 383
peptide distribution, 357
serotonin, 383
spinal cord, dog, 357
spinal cord, monkey, 357
spinal cord, sloth, 357
substance P, 383
Spinal cord, human fetal, 125
high pressure liquid chromatography
Met/Leu-enkephalin
Spinal cord, monkey, 357
peptide distribution
spinal cord, cat
spinal cord, dog
spinal cord, sloth
Spinal chord neuropeptide concentrations, 319
brain neuropeptide concentrations
nerve deafferentation
Spinal cord, sloth, 357
peptide distribution
spinal cord, cat
spinal cord, dog
spinal cord, monkey
Spinal cord vasoconstriction, 1307
MK-771
substance P
substance P antagonists
thyrotropin-releasing hormone
Spinal dorsal horn neurons, 651
cats
substance P
substance P analogues
Splanchnic circulation, 1055
dog
exocrine pancreas
kassinin
Spleen, rat, s21
autoradiography
immune system
lymphocytes
vasoactive intestinal peptide receptors
Spontaneous smooth muscle activity, 497
atrial natriuretic peptide
calcitonin gene-related peptide
galanin
uterus, rat
Stalk-median eminence, 589
corticotropin releasing factor
corticotropin releasing factor neurons
immunohistochemistry
Strain differences
arginine vasopressin, s193, 595
atrial natriuretic factor, s3, 817, 1101
binding site regulation, s3
body fluid regulation, s3
brain, rat, s3
drug interaction, s193
ethanol tolerance, s193
FK33-824, 777
gene expression, 817
hypothalamus, 1101
kidney, 595
long-term treatment, 595
mice, male, 777
rectal temperature, 777
renal tubular receptors, 595
respiratory rate, 777
spinal cord, 1101
Stress, 277
ACTH-neuropeptides
hypokinesia
Structural changes, 157
C-terminals
vasopressin antagonists
Structural studies, 545
adrenergic neurotransmission
functional studies
neuropeptide Y
presynaptic regulation
vas deferens
Structure-activity relationships
arthropod peptides, s153
FMRF-amide, s137
gastrin/CCK-like aspects, s137
insect neuropeptides, s153
leucosulfakinins, s137
pigment-dispersing hormones, s153
Subcellular fractions, 7
in vitro
luteinizing hormone-releasing hormone
ovaries, whole
proteolytic degradation
Substance K, 1207
autoradiography
gastrointestinal tract, human
neuromedin K
receptor binding sites
substance P
Substance P
analgesic effects, 619
autoradiography, 1207
bombesin, 1367
bombesin receptors, 1367
bone innervation, 165
calcitonin gene-related peptide, 165
cardiovascular effects, 619
cat, 651, 1301
central administration, 619
[D-Pro^2-D-Trp^{7,9}]-substance P, 909
gastrointestinal tract, human, 1207
hyperprolactinemia, 933
hypothalamus, 71
immunocytochemistry, 383
in vivo, 1145
MK-771
neuromedin K, 1207
neurotensin-like peptides, 71
nucleus tractus solitarius, 1301
passive immunization, 933
peptide interactions, 909
receptor binding sites, 1207
serotonin, 383, 909
single neurons, 71
small cell lung cancer, 1367
spinal cord, 909
spinal cord, cat, 383
spinal cord vasoconstriction, 1307
spinal dorsal horn neurons, 651
substance K, 1207
substance P analogues, 651, 1367
substance P antagonists, 1307
thyrotropin-releasing hormone, 1307
zona glomerulosa 1145
Substance P analogues, 1367
bombesin
bombesin receptors
small cell lung cancer
substance P
Substance P antagonists
boxing behavior, s117
carbachol, s117
drug interaction, s117
MK-711, 1307

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

prefrontal cortex, s117
spinal cord vasoconstriction, 1307
substance P, 1307
thyrotropin releasing hormone, 1307
Suckling, 751
age differences
β-endorphin
hypothalamus
inhibitory avoidance
undernutrition
Summer, 1235
pineal gland
vasopressin
vasopressin-converting aminopeptidase activity
Surgical stress, 1067
corticotropin-releasing factor
gastric secretion
intracisternal injection
Sympathetic nerve activity, s69
blood pressure
organ blood flow
thyrotropin releasing hormone
Sympathetic pathways, s63
autonomic modulation
cardiovascular activity
opioid receptors
Synthetic peptide analogs, 1403
barnacle pheromone
metamorphosis
settlement

Tachykinin binding sites 227
autoradiographic localization
brain, rat
Tachykinins, 347
antidipsogenic effects
brain site mapping
Tissue extract, 1059
immunoradiometric assay
proatrial natriuretic factor
Thermoregulation, 1021
atrial natriuretic factor
brown adipose tissue
Thy 1.1 receptor distribution, s91
autoradiography
IGF-II receptors
IL-1 receptors
Thyroid gland, 407
calcitonin gene-related peptide
heterogeneity
Thyrotropin-releasing hormone
adrenocorticotropic hormone, 215
affective aggression, 539
amygdala, 771
blood pressure, s69
cannabinoids, 771
cardiovascular effects, 893
central injection, 31
central nervous system, s9
cerebral blood volume, 215
clonidine, 527
dominance, 539
dose-dependent effects, s9
gastric function, s9
grooming behavior, 283
grooming inducing peptides, 283
hyperglycemia, 527
hypothalamic blood flow, 215
methylatropine, 893
MK-771, 893, 1307
neurally-mediated hyperglycemia, 31
nucleus accumbens, 539
organ blood flow, s69
preoptic suprachiasmatic nucleus, 893
propranolol, 893
selective inhibition, 771
spinal cord vasoconstriction, 1307
substance P, 1307
substance P antagonists, 1307
sympathetic nerve activity, s69
ulceration, s9
T lymphocyte antigen, s97
AIDS
neuropetide receptors
primate brain
Trophic action, 1015
adrenocorticotropic hormone
in vitro
α-melanocyte stimulating hormone
neuronal outgrowth
Topographical distribution, 697
brain, pigeon
corticotropin-releasing factor immunoreactivity
Type II IGF receptors, s181
brain, rat
radioimmunohistochemistry localization

Ulceration, s9
central nervous system
dose-dependent effects
gastric function
thyrotropin releasing hormone
Ultradian rhythm, 325
adrenocorticotropic hormone
circadian rhythm
cortisol
pulsatile secretion
Undernutrition, 751
age differences
β-endorphin
hypothalamus
inhibitory avoidance
suckling
Urotensin I, 1043
brain
corticotropin releasing factor
fish
high performance liquid chromatography
pituitary
radioimmunoassay
Uterus, rat, 497
atrial natriuretic peptide
calcitonin gene-related peptide
galanin
spontaneous smooth muscle activity

Vas deferens, 545
adrenergic neurotransmission
functional studies
neuropeptide Y
presynaptic regulation
structural studies
Vasoactive intestinal peptide
aorta, 853
autoradiography, 1241
brain, human, 787
brain, rat, 315
central amygdaloid nucleus, 661
chloride transport, 119
cyclic AMP accumulation, 853
dogfish, 119
dopaminergic system, 315
endothelium-dependent relaxation, 853
gastrointestinal tract, canine, 1241
immunocytochemistry, 661
immunohistochemistry, 119
immunoreactive fibers, 661
myometrial blood flow regulation, 269
neural mediation, 119
neuropeptide Y, 269
Parkinson's disease, 787
radioimmunoassay, 469
rectal gland, 119
regional distribution, 787
Vasoactive intestinal peptide antagonists, 443
feline airways
noradrenergic noncholinergic inhibitory responses
Vasoactive intestinal peptide binding, 23
rabbit small intestine
rat small intestine
receptor distribution
Vasoactive intestinal peptide receptors
acquired immunodeficiency syndrome, 425
autoradiography, s21
human studies, 425
immune system, s21
immunodeficiency virus, 425
lymphocytes, s21
peptide T, 425
spleen, rat, s21
Vasopressin
anti-idiotype antibody, 1407
atrial natriuretic peptide, 187
blood pressure, 187
bovine pituitary gland, 1407
circadian rhythm, 973
Harderian gland, 289
human plasma, 187
immunoblotting, 1407
oxytocin, 289
pineal gland, 289, 973, 1235
retina, 289
summer, 1235
vasopressin-converting aminopeptidase activity, 973, 1235
Vasopressin antagonists, 157
C-terminals
structural changes
Vasopressin-converting aminopeptidase activity
circadian rhythm, 973
pineal gland, 973, 1235
summer, 1235
vasopressin, 973, 1235
Vasotocin, 829
brain, chicken
mesotocin

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

pituitary, chicken
Ventral mesencephalon, 1107
dynorphin A
α-neo-endorphin
habenula
habenular modulation
Ventral tegmental area, s223
grooming behavior
oxytocin
Verbal memory, 1361
DGAVP
VIP receptors, 339
lung membranes, human
pharmacological characterization
VIP receptor upregulation, 181
energy deficiency
leucocytes
physical exercise
VIP release, 107
adrenal VIP content
ovine fetus

Water deprivation, s189
atrial natriuretic factor release
clonidine
Water intake, 677
angiotensin
rabbits, Australian wild
rabbits, New Zealand
route of administration
sodium intake

Zona glomerulosa, 1145
in vivo
substance P

AUTHOR INDEX

Abood, L. G., 1407
Afione, S., 933
Agid, Y., 787
Albers, J. M., 437
Alessi, N. E., 689
Allen, A. E., s57
Allevard, A.-M., 289
Altiere, R. J., 443
Altstein, M., 87
Amend, D. L., s193
Amir, S., 31, 527
Andersson, M., 469
Ansell, J. A., 173
Arimura, A., 37
Aronin, N., 119

Baba, S., 1093
Bacay, A. C., 1021
Bachelard, H., 883
Badr, M., 441
Baek, S. Y., 661
Bailey, J. E., 357
Baimbridge, K. G., 325
Baldy, W. J., Jr., 637
Bankowski, K., 157
Bär, P. R., 1015
Baranowska, B., s189
Barbaz, B. S., 1295
Bardrum, B., 269
Barksdale, C. M., 325
Barnes, K., 55
Barnes, P. J., 957
Barnett, W., 1183
Bassant, M. H., 1351
Beal, M. F., 847
Beaudet, A., 1227
Beaujouan, J.-C., 227
Becker, E. L., 1195
Bek, T., 497
Bell, J. A., 1317
Belloni, A. S., 1145
Belz, U., 501
Bepler, G., 1367
Berger, H., 7
Bergstrom, L., 227
Bernoussi, A., 883
Besseyre, J., 227
Beyreuther, K., 681
Bhargava, H. N., 771
Bianchi, M., 319
Bickel, M., 501
Biggins, J. A., 757
Bishop, A. E., 1005
Bishop, J. F., s161, s169
Bjurholm, A., 165
Blanchard, J.-C., 835
Blankenship, J. E., 867
Block, C. H., 1395
Bloom, S. R., 1005
Boehmer, C. G., 1241, 1411
Bone, E. A., 373
Bonner, J. P., 1115
Bonora, G. M., 1195
Bons, N., 697
Born, J., 1361
Bosshard, A., 873
Bouille, C., 697
Bouzeghrane, F., 289
Boyd, W. H., 77
Bøyum, A., 181
Brands, M. W., 1129
Braszko, J. J., 475
Breimer, D. D., 555
Bretherton-Watt, D., 1005
Brief, D. J., s193
Brini, A., 319
Broccardo, M., 843
Brodin, E., 165
Brooks, B., 1183
Brosnihan, K. B., 1395
Broudy, E. P., s63
Brownfield, M. S., 325
Buchan, A. M. J., 325
Bucht, E., 295
Buku, A., 783
Burbach, J. P. H., 973, 1235
Bussjaeger, L., 1255
Butler, P. D., 31
Buu, N. T., 1101

Calvo, J. J., 493
Camus, J. C., 339
Cantin, M., 1, 47, 817, 1059
Carnes, M., 325
Carney, D. N., s57
Carty, R. P., s145
Casanova, M. F., 1137
Cattaneo, E., 985
Cedermark, B., 859
Chaplin, S. B., 449
Charnay, Y., 125, 873
Charpentier, B., 835
Chayvialle, J. A., 873
Chen, J., s145
Chen, X.-F., 717
Chen, Z.-F., 717
Cherbal, F., 289
Chery-Croze, S., 873
Cheung, C. Y., 107
Chew, P., 763
Chipkin, S. R., 119
Choate, J. V. A., 867
Choy, V. J., 927
Chrétien, M., 47
Christophe, J., 339
Chronwall, B. M., s161, s169
Cicilini, M. A., 945
Clint, B. D., 619
Cobo, M., 937
Cocchi, D., 985
Coghlan, J. P., 509, 1221
Colbern, D. L., 283
Conlon, J. M., 859
Coy, D. H., 201, 339, 787
Crawley, J. N., s117, s223
Creutzfeldt, W., 859
Crim, J. W., 65
Cruthirds, C. D., 1115
Cuber, J. C., 873
Cuttitta, F., 1367
Cymerman, A., 1115

Dana, R., s45
Danger, J. M., 1027
Danguir, J., 209
Danhof, M., 555
Davson, H., 533
Deacon, C. F., 859
de Beaurepaire, R., 729
Debeljuk, L., 933
Debinski, W., 1101
de Boer, A. G., 555
de Camargo, A. C. M., 945
De Caro, G., 347
De Dios, I., 493
Deeter, L. B., 1285
De Gasparo, M., 595
De Gennaro Colonna, V., 985
De Jong, W., 215
Delbende, C., 787, 899
del Carmen Díaz, M., 933
De Lean, A., 1
De Loof, A., 1027
De Oliveira, E. B., 945
Denbow, D. M., 449, 709
De Neef, 339
Denton, D. A., 677
Desiderio, D. M., 1373
De Souza, E. B., 1317
De Wied, D., 215
DeWitte, Ph., 739
Diamond, L., 443
Dierssen, M. M., 809
Dimaline, R., 469
Ding, J., 817
Dircksen, H., 795
Doi, R., 1055
Donoso, V., 545
Dor, A., 835
Dores, R. M., 65, 801
Doris, P. A., 243, 481
Dorsa, D. M., s193

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

Dray, F., 125
Drouin, J., 817
Du, Y.-C., 717
Dube, M. G., 723, 1269
Dubois, P. M., 125
Duke, G. E., 449
Durieux, C., 835
Dutar, P., 1351
Duvilanski, B., 933

Ebels, I., 455
Eberlein, G. A., 993
Echevarria, E., 1177
Edwardson, J. A., 757
Ehlers, C., s45
Elde, R. P., 133
Eng, J., 429
Eysselein, V. E., 993

Facchinetti, F., 1089
Facer, P., 1005
Fahey, M., 1005
Fahrenkrug, J., 497
Fan, Z.-W., 429
Farrar, W. L., s97
Fehm, H. L., 1361
Fehm-Wolfsdorf, G., 1361
Feifel, D., s35
Ferrario, C. M., 1395
Ferrer, J. M. R., 937
Feuerstein, G., s75
Feuilloley, L. M., 1
Finan, T. M., s257
Fischman, A. J., 1275
Fiskum, G., 1367
Flood, J. F., 221, 1077
Flórez, J., 809
Folkers, K., 651
Fox, J. E. T., 1183
Frawley, L. S., 825
Freeman, R. H., 1129
Freer, R. J., 1195
Fridland, G. H., 1373
Friedrich, A., 965
Frischer, R. E., 151
Fulco, C. S., 1115

Gabriel, S. M., 847
Gäde, G., 681
Gafvelin, G., 469
Gähwiler, B. H., 1151
Gainer, H., 87, 1151
Gall, C. M., s79
Ganiban, G., 583
Garcia, A. M., 493
Garrick, T., s9
Gates, T. S., 1207, 1241, 1411
Gauquelin, G., 289
Gaumann, 393
Gazis, D., 783
Gehlert, D. R., s161, s169
Geiger, R., 575, 1081
Genazzani, A. R., 1089
Gerhards, H. J., 575, 1081
Gewiss, M., 739
Ghaemmaghami, F., 289
Ghai, R. D., 173
Gharib, C., 289
Ghatei, M. A., 1005
Gibson, A. M., 757
Giesecke, A. H., Jr., 619
Gillin, J. C., s45
Giraud, A. S., 923
Gispen, W. H., 1015
Glazner, G. W., 1389
Glowinski, J., 227
Go, V. L. W., 357
Goebell, H., 993
Goldrich, M., 643
Gordon, S. E., 1115
Goto, Y., s9
Graham, R. M., 1275
Granberg, B., 295
Gray, T. S. 1121
Greenberg, M. J., s125
Greidanus, TJ. V. W., s109
Grimelius, L., 859
Grovum, W. L., 519
Guerrero, J. M., 571
Guillaume, V., 697
Gulati, A., 771
Gutkowska, J., 1, 47, s189
Guy, J., 567

Haddon, W. F., s137
Hall, N. R., 1295
Hansen, B., 269
Harding, J. W., 979
Harding, R. K., 141
Hari Prasad, V. N., 1345
Harmon, J. W., 23
Harty, G. J., 357
Harty, R. F. 463
Hashimoto, K., 589
Hassen, A. H., s63
Hedges, M., 1005
Helke, C. J., 1307
Henrichson, C., 301
Hilakivi, I., 487
Hilakivi, L. A., 487
Hilbich, C., 681, 795
Hill, J. M., s21, s91, s97, s181
Hill, P. S., s223
Hjeresen, D. L., s193
Ho, F. J., 763, 1255
Hock, F. J., 575, 1081
Hoeffler, J. P., 825
Hofbauer, K. G., 595
Holaday, J. W., 1177, 1335
Holman, G. M., s125, s137
Homcy, C. J., 1275
Honour, L. C., 745
Hostetler, A. M., 643
House, S., 87
Hruby, V. J., s223
Huebner, V. D., 763
Huidobro-Toro, J. P., 545
Hurlé, M. A., 809
Huybrechts, R., 1027

Iadarola, M. J., 669
Ichikawa, H., 1107
Ikeda, Y., 187
Improta, G., 843
Inagaki, S., 71
Inoue, K., 1055
Inoue, T., 1093
Inui, A., 1093
Itoh, S., 315
Itoi, K., 433

Jacobowitz, D. M., 613, 893
Jamshaid, A., s201
Jankov, R. M., 533
Janowsky, D. S., 45
Javoy-Agid, F., 787
Jeftinija, S., 651
Jégou, S., 787, 899, 1027
Jeng, A. Y., 173
Jiang, R., 763
Jichici, D., 77
Johnston, S. A., s233, s245
Jolkkonen, J., s105, s109
Jörnvall, H., 301, 469
Joseph, S. A., 193
Josephson, S., 301
Joss, J. M. P., 801
Judd, L., 45

Kalin, N. H., 325
Kalra, P. S., 83, 723, 1269
Kalra, S. P., 83, 723, 1269
Kaltwasser, M. T., s223
Kapcala, L. P., 437
Karashima, T., 561
Kato, R., 777
Katsuura, G., 315
Kawanishi, K., 589
Kawauchi, H., 65
Kee, K. A., s257
Keith, A. B., 757
Keller, R., 795
Kennedy, S. P., 1195
Kenny, A. J., 55
Key, S., 87
Khachaturian, H., 689
Khorram, O., 411
Kiess, W., s181
Killmar, J. T., 1373
King, J. A., s39, 151
King, J. C., 419
Kinzler, S. L., 829
Kito, S., 71
Klis, W. A., 157
Knardahl, S., 181
Knigge, K. M., 1407
Koehn, J. A., 173
Kogire, M., 1055
Koike, T. I., 829
Kolve, E., 735
Kondysar, M. H., 141
Koob, G. F., s35
Korman, L. Y., 23, s257
Koros, A., 1367
Kostolanska, F., 1183
Kostowski, W., 539
Kraemer, W. J., 1115
Kreicbergs, A., 165
Krishnan, K. R. R., s113
Kruszynski, M., 157
Kubota, E., 853
Kubota, Y., 71
Kucharczyk, J., s201
Kuchel, O., 1101
Kulkosky, P. J., 1389
Kurosky, A., 867

Läärä, E., s109
Lake, M., 301
Lamour, Y., 1351
Lasaga, M., 933
Lauterborn, J. C., s79
Lavigne, J. P., 817
Lazure, C., 47
Leboulenger, F., 1
Lederis, K., 1043
Lee, T. D., 763
Leek, B. F., 519
Legros, J.-J., 289
Leibowitz, K. J., 309
Leibowitz, S. F., 309
Lemoine, J., s201
Lent, S. J., 325
Leslie, R. A., 1071
Lesniak, M. A., s91, s181
Liebman, J. M., 1295
Lind, P., 301
Linden, J., 853
Lipton, J. M., 619, 1285
Liu, B., 973, 1235
Liu, L.-W., 853
Liu, R.-Y., 717
Long, J. B., 1335
Low, C. A., 1389
Lucas, D. L., 357

McAdams, L. A., s45
McBurnie, M. I., 677
McCann, M. J., 1289
McCarron, D. A., 1191
McCarty, R., s3
McCormack, J. F., 709
McDermott, J. R., 757
McDonald, T. J., 1071, 1183
McGuigan, J. E., 463
McHugh, P. R., 643
McLean, S., s85
McMaster, D., 1043

MacGarvey, U. M., 847
Madsen, A. J., Jr., 133
Maeda-Hagiwara, M., s9
Maggi, A., 985
Maggio, J. E., 257, 1207
Magnuson, D. J., 1121
Mah, S. C., 595
Mahmoud, S., 1367
Maico, D. G., 463
Maigret, C., 283
Majane, E. A., 1137
Mak, J. C. W., 957
Malendowicz, L. K., 1145
Maley, B. E., 1301
Manepalli, A. N., s113
Mann, L., 7
Manning, M., 157
Manso, M. A., 493
Mantegazza, P., 319
Mantyh, C. R., 257, 1021, 1207, 1241
Mantyh, P. W., 257, 1021, 1207, 1241, 1411

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

Marchetti, B., 441
Marchitelli, L. J., 1115
Margolies, M. N., 1275
Martel, J.-C., s15
Martin, H., 873
Martin, L. W., 1285
Martinez-Arizala, A., 1335
Massi, M., 347
Mathiasen, J. R., 637
Matsueda, G. R., 1275
Mazzocchi, G., 1145
Mehlis, B., 7
Melville, M. L., s113
Merali, Z., s233, s245
Metzger, P., 283
Michael, G., 1407
Michael, G. J., 193
Michener, S. R., 357
Milne, R., 1059
Minamino, N., 37
Miñano, F. J., 1381
Misicka, A., 157
Mitsushio, H., 1107
Mizuno, N., 1093
Moga, M. M., 1121
Moody, T. W., 23, s57, s257, 643, 1345, 1367
Moore, H. D., 1389
Moore, R. Y., 1323
Mora, F., 937
Moran, T. H., 643
Morin-Surun, M. P., 809
Morioka, H., 1093
Morley, J. E., 221, 1077
Morrissey, M. A., 65
Mortara, R. A., 945
Mosberg, H. I., 1177
Mouri, T., 433
Müller, E. E., 985
Murakami, O., 433
Muraki, T., 777
Murphy, R. B., s145, s207
Murphy, R. F., 269, 859
Murthy, K. K., 47
Murthy, S. N. S., 583
Mutt, V., 301, 469
Myers, R. D., 631, 1381

Nachman, R. J., s125, s137
Nagle, G. T., 867
Nanno, M., 187
Naranjo, J. R., 669
Nawrocka, E., 157
Neldon, H. L., 829
Nelson, D. K., 357
Nemer, M., 817
Nemeroff, C. B., 113
Netchitailo, P., 1
Nguyen, T. D., 425
Niimi, M., 589
Nishikawa, T., 1107
Nissley, S. P., 181
Nomoto, T., 777
Noteborn, H. P. J. M., 455
Nozuki, M., 433
Nussdorfer, G. G., 1145

Oceja, C., 809
Ogawa, T., 1093
O'Hare, M. M. T., 269
Ohhashi, T., 613
Ohneda, M., 433
Oki, Y., 187
Okita, M., 1093
Olivereau, J., 13, 1261
Olivereau, M., 13, 1261
Olson, H., 301
Ong, H., 1
Opstad, P. K., 181
Ottesen, 269, 497
Oya, M., 1093

Painter, S. D., 867
Palaszynski, E., 1367
Panerai, A. E., 319
Panis, M., 283
Parkes, D. G., 509, 1221
Passaro, E. P., Jr., 1207
Pau, K.-Y. F., 411
Payza, K., s125
Peinado, J. M., 631, 1381
Peinado, M. A., 571
Pelaprat, D., 835
Pelletier, G., 1, 441, 567, 673, 1027
Perfumi, M., 347
Pert, C. B., s21, s29, s91, s97
Peter, R. E., 625
Petraglia, F., 1089
Pévet, P., 455
Phillips, E. T., 1307
Pico, R. M., s79
Pietrowsky, R., 1361
Pincus, M. R., s145
Pitkänen, A., s105
Pittenger, K. L., 1195
Pliet, R., 7
Plunkett, L. M., s3
Poelman, P. J. I. M., 283
Pohl, G., 301
Polak, J. M., 1005
Poole, S., 207
Popper, P., 257
Porter, J. R., 113
Price, D. A., s125
Przybylski, J. P., 157
Puciłowski, O., 539
Puig-Domingo, M., 571

Quirion, R., s15, 689

Raffa, R. B., 637, 915
Rafferty, B., 207
Randic, M., 651
Rao, K. R., s153
Raspantini, C., 651
Rayasam, K., s113
Raybould, H. E., 735
Rebuffat, P., 1145
Reeve, J. R., Jr., 763, 923, 1255
Reibaud, M., 835
Reinharz, A. C., 455
Reiter, R. J., 571
Ribeiro, M. J. F., 945
Riehm, J. P., s153
Riekkinen, P., s105, s109
Rigamonti, D. D., 1335
Rinehart, K. L., 681
Rinkel, G. J. E., 283
Rioux, F., 883
Risch, S. C., s45
Ritchie, J. C., s113
Ritter, R. C., 601
Rittschof, D., 1403
Rivier, J. E., s35, s113, 1067
Rivkind, A. I., 527
Robberecht, P., 339
Roberts, K. A., 979
Roberts, M. H., 1323
Robertson, H. A., 1071
Robinson, P. H., 643
Robinzon, B., 829
Robles, L., 1177
Rocha, J. B. T., 751
Rock, P. B., 1115
Roddy, D. R., 357
Rökaeus, Å., 1183
Ronk, M., 1255
Roques, B., 739
Roques, B. P., 835
Rose, K. J., 151
Rosenzweig, S. A., 373
Roth, K., 1005
Rotsch, M., 1367
Rougeot, C., 125
Rowland, N. E., 989
Ruda, M. A., 383
Ruff, M. R., s29
Ruscetti, F., s97

Sabry, I., 571
Sacerdote, P., s29, 319
Said, S. I., 853
Saffroy, M., 227
Sahu, A., 83, 1269
Saint-Come, C. M., s215
Sakamoto, M., 187
Sakane, Y., 173
Sakatani, N., 1093
Salemink, C. A., 455
Sander, L. D., 113
Sandor, P., 215
Santos, R. A. S., 1395
Sasek, C. A., 1301
Sata, T., 853
Sawyer, W. H., 157
Sayadi, H., 23
Schafer, M. P., s161
Schally, A. V., 561
Scheraga, H. A., s145
Schmidtler, J., 249
Schneider, L. H., s207
Schoofs, L., 1027
Schulz, R., 965
Schultzberg, M., 165
Schwartz, T. W., 269
Schwille, P. O., 249
Scoggins, B. A., 509, 1221
Scott, R., 909
Seefried, G., 249
Segal, M. B., 533
Sei, C. A., 65
Seidah, N. G., 47
Senut, M. C., 1351
Sertl, K., s21
Seybold, V. A., 1301
Shah, D., s145
Shaikh, A. B., 999
Shaikh, M. B., 999
Shakir, K. M., 1037
Shank, R. P., 637
Shaw, G., 429
Sheikh, S., 269
Sherwood, N. M., 625
Shimada, S., 71
Shiotani, Y., 71, 661
Shively, J. E., 763, 1255
Siegel, A., 999
Sills, M. A., 893
Silva, M., 545
Silver, A. J., 221
Sinowatz, F., 965
Sinton, C. M., 1049
Sirén, A.-L., s69, s75
Sirviö, J., s105
Sjöberg, H. E., 295
Smith, A. I., 757
Smith, G. P., s207
Sobel, D. O., 1037
Sodaar, P., 1015
Solomon, T. E., 1255
Sone, M., 433
Sonnenberg, J. L., 173
South, E. H., 601
Souza, D. O., 751
Sower, S. A., 419
Speh, J. C., 1323
Spies, H. G., 411
Spragg, J., 203
Stangier, J., 795
Stephens, R. L., Jr., 1067
Steveson, T. C., 801
Stewart, J. M., 203
Stivers, J. A., s117, s223
Stoev, S., 157
Stoff, J. S., 119
Stopa, E. G., 419
Storchi, A. R., 1089
St-Pierre, S., s15, 545, 883
Strand, F. L., s39, 151, s215
Stricker, E. M., 1289
Suaudeau, C., 729
Sumi, S., 1055
Svendsen, C. N., 419
Swartz, K. J., 847
Szigethy, E., 1227

Taché, Y., s9, 735, 1067
Taira, T., 487
Takahara, J., 589
Takahashi, K., 433
Takaori, K., 1055
Takashima, A., 315
Takashima, M., 1107
Tanaka, I., 187
Tarjan, E., 677
Tashiro, T., 383
Tatemoto, K., 1005, 1077
Tegtmeyer, K., 1403
Tempel, D. L., 309
Tenmoku, S., 269
Thibault, G., 47, 817, 1101

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.

Thim, L., 859
Thompson, D. C., 443
Thorner, M. O., s113
Tinsley, P. W., 1373
Tobe, T., 1055
Tohyama, M., 71
Toniolo, C., 1195
Tonon, M.-C., 697
Torrens, Y., 227
Tortella, F. C., 1177
Trad, L., 1115
Tranchand-Bunel, D., 787
Tremblay, J., s189
Trzaskowska, E., 539
Tuomisto, L., s109
Tuor, U. I., 141
Turkelson, C. M., 1255
Turkelson, J., 1255

Uehara, A., 37
Uhlen, M., 301
Urban, L., 651
Usinger, P., 575, 1081

Vaccarino, F. J., 35
Vale, W. W., s35, s113
Valentino, K. L., 1005
Vallarino, M., 899
van Bree, J. B. M. M., 555
Vanderhaeghen, J. J., 739
van der Neut, R., 1015
Van Minnen, J., 515
Van Ree, M. J., 277
Van Wimersma Greidanus, Tj. B., 283, 555
Van Zinnicq Bergmann, F. E. M., 283
Vaudry, H., 1, 787, 899, 1027
Vaught, J. L., 637, 909
Vavrek, R. J., 203
Vendite, D., 751
Venturi, F., 347
Verbalis, J. G., 1289
Verburg, K. M., 1129
Verhoef, J. C., 555
Viader, M., 571
Vigna, S. R., 257, 923, 1021, 1207, 1241
Villarreal, D., 1129
Vollmar, A. M., 965
Volpe, A., 1089
von Rechenberg, W., 1081

Waelbroeck, M., 339
Walker, B., 269
Walsh, J. H., 763, 923
Watkins, W. B., 927
Webb, S. M., 571
Wegener, L. L., 1191
Weisinger, R. S., 509, 677
Welton, M. L., 1207
Wenk, G. L., 1227
Wennogle, L. P., 173
White, M. H., 745
Whitebread, S. E., 595
Whitnall, M. H., 87
Wiedermann, C. J., s21
Wiemer, G., 575, 1081
Wiik, P., 181
Wildey, G. M., 1275
Willey, J., 1367
Williams, G., 1005
Wimalawansa, S. J., 407
Wisen, O., 295
Wiśniewski, K., 475
Wolterink, G., 277
Wood, P. L., s49
Woods, S. C., s193, 1389
Wośko, W., 539
Wray, S., 1151
Wright, J. W., 979
Xin, L., 1407

Yajima, H., 1055
Yaksh, T. L., 357, 393
Yalow, R. S., 429
Yamano, M., 661
Yamin, N., 783
Yanaihara, C., 1183
Yanaihara, N., 1183
Yang, H., 1067
Yang, H.-Y. T., 1137
Yoshimi, T., 187
Yoshinaga, K., 433
Yu, K. L., 625
Yun, M., 1055

Zardetto-Smith, A. M., 1121
Zeymer, U., 1367
Zimering, M. B., 133
Zimmerman, R. P., 1207, 1241, 1411
Zipser, B., s21
Zisfein, J. B., 1275
Zlokovic, B. V., 533

Numbers preceded by the letter "s" indicate items appearing in *Seventh and Eighth Annual Winter Neuropeptide Conferences . . .* Volume 9, Suppl. 1, 1988.